



# IPC Rackmount Chassis Solutions

1U 2U 3U 4U 5U 6U 8U



2013 June

A PROFESSIONAL MANUFACTURER & EXPORTER

# CLM Overview :



## About "CLM" Chun Long Technology & Products:

We are a network server solution manufacturer locating in Taiwan since 1980. Our products include 19" Rackmount chassis from 1U to 8U, server cabinets, Network Racks, Distributors and any kind of metal enclosures.

We have a strong Research and Design team. So our products have unique designs and developed many new items to meet customers' needs. These also pass our strict quality control system. Below is our company and product profile for your reference. If you would like to get more information, please visit our website: [www.clm.com.tw](http://www.clm.com.tw).

[www.clm.com.tw](http://www.clm.com.tw) or feel free to contact us. Our staff is always here to serve you.

With 30 years' experience in designing and manufacturing, Chun Long Technology Co; Ltd.(CLM) has established the brand name "CLM" for selling its own products all over the world. The "CLM" has developed and integrated in manufacturing Network hardware solutions to reach customer's achievement. With our elegant technology and products expertise. At present, we are one of the leader as a professional IPC Chassis and Rack, Cabinet manufacturer in Taiwan. Almost products done patent pended in many countries. We are aimed with its reputation of high quality to compare with international competitor in competitive and reasonable price for growing up in sales.

## Quality Control Equipment:

\*Temperature Record Machine  
x1(TAIWAN)

- \*Roughness Instrument x1(MITUTOYO)
- \*Projection Machine (BATY)
- \*Sclerometer x2(MITUTOYO)
- \*Hand Tensile Test Machine Auto Tension Dyamometor x2(IMADA)
- \*Salt Spray Test Machine x1(TEIMUJEN)
- \*Spectral Colour Measure Machine x1(DRLANGE-GERMANY BDA-317)
- \*Microscope x3(NIKON) \*Slide Guage x15(MITUTOYO)
- \*Protractor x3(MITUTOYO)
- \*Screw Guage x5(OSG)
- \*Square Guage x2(MITUTOYO)
- \*Altitude Guage x2(MITUTOYO)
- \*Granite-Table x3(TAIWAN)

In addition, we do customized OEM/ODM products.

**A ORIGINAL CONCEPT YOU BRING  
A CUSTOM-MADE SERVICE WE GIVE  
A BEST SOLUTION  
FOR EVERY CHALLENGE  
WITH CLM, YOU CAN RELY ON**

# IPC Rackmount Chassis Variety



● 1U IPC Chassis

P. 5



● 2U IPC Chassis

P. 16



● 3U IPC Chassis

P. 23



● 4U , 5U & 6U IPC Chassis

P. 23



● Wallmount IPC/ Compact Chassis

P. 23



● Accessories

P. 55

# 1U MINI-ITX/ITX/Micro-ATX/ATX Mainboard Solutions



**CLM51-22**



**CLM51-24**



**CLM51-26**



## Category List

Model No.		CLM51-22	CLM51-24	CLM51-26
Power	internal	Option	Option	Option
	space	D=190mm,200~350Watt	D=190mm,200~350Watt	D=190mm,200~350Watt
Fans	Front	No	1 Brower(97x94x33mm)	No
	Middle	2 40x40x28mm(Option for 3pcs)	No	No
	Rear	2*40x40x28mm	2*40X40X20mm	1*Brower(97x94x33mm)
Indicators LEDs	Disk	1	1	1
	Power	1	1	1
	NIC	2	2	2
Front Access		No USB	USB 2 Ports	No USB
Device Bays		1x5.25" CD-ROM	1xSlim CD-ROM	1xSlim CD-ROM
		2x3.5 Hard Disks	2x3.5 Hard Disks	2x3.5 Hard Disks
		1xSlim Floppy	No	No
Air-Filter		No	Yes	Yes
Chassis Dimension	MM	(W)429x(D)508x(H)44	(W)429x(D)382x(H)44	(W)429x(D)382x(H)44
	INCH	(W)19"x(D)20"x(H)1.72"	(W)19"x(D)15"x(H)1.72"	(W)19"x(D)15"x(H)1.72"
Details		See page C4	See page C5	See page C7
Optional Accessories		Riser Card & Fans & I/O Shield/Cabling management Strip/Slide Rail		

**Features:**

1. A full range 1U in 8", 15", 20", 22", 24", 26" suitable various brand's M/B.
2. A 45°C excellent thermal effective sturcture to creat free shut-down security.
3. The most cost-effective design for small or personal office to set up a singly website.
4. MINI-ITX barebones system Server design for Internet Web/Mail/Sofeware/Firewall security Server applications.

**CLM51-27**



**CLM51-28**



**CLM51-29**



**CLM51-30**



CLM51-27	CLM51-28	CLM51-29	CLM51-30
<b>Option</b>	<b>Option</b>	<b>Option</b>	<b>Option</b>
<b>D=190mm,200~350Watt</b>	<b>D=190mm,200~350Watt</b>	<b>Max 205mm,200~400Watt</b>	<b>Max 150mm,150~200Watt</b>
<b>No</b>	<b>1*Brower(97x94x33mm)</b>	<b>No</b>	<b>No</b>
<b>No</b>	<b>No</b>	<b>2*40x40x20mm</b>	<b>No</b>
<b>1 Brower(97x94x33mm)</b>	<b>2*40x40x20mm</b>	<b>2*40x40x28mm</b>	<b>1*40x40x28 &amp; 1*40x40x10</b>
<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>
<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>
<b>2</b>	<b>2</b>	<b>2</b>	<b>1</b>
<b>No USB</b>	<b>No USB</b>	<b>No USB</b>	<b>USB 2 Ports</b>
<b>No</b>	<b>No</b>	<b>1x5.25" CD-ROM</b>	<b>1 5.25" CD-ROM</b>
<b>2x3.5 Hard Disks</b>	<b>2x3.5 Hard Disks</b>	<b>2x3.5 Hard Disks</b>	<b>2 3.5 Hard Disks</b>
<b>No</b>	<b>No</b>	<b>1xSlim Floppy</b>	<b>1 Slim Floppy</b>
<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>
<b>(W)429x(D)382x(H)44</b>	<b>(W)429x(D)382x(H)44</b>	<b>(W)429x(D)382x(H)44</b>	<b>(W)429x(D)224x(H)44</b>
<b>(W)19"x(D)15"x(H)1.72"</b>	<b>(W)19"x(D)15"x(H)1.72"</b>	<b>(W)19"x(D)15"x(H)1.72"</b>	<b>(W)19"x(D)22.8"x(H)1.72"</b>
<b>See page C8</b>	<b>See page C9</b>	<b>See pageC10</b>	<b>See pageC11</b>

**Riser Card & Fans & I/O Shield/Cabling management Strip/Slide Rail**

# CLM51-22

## 1U 20" Depth Rack Mount Server Chassis



Excellent Thermal Efficiency & System Security Design

Inside View



### Specifications

#### Motherboard Specification

- Max to 12"x9.6" ATX
- Intel Pentium 4 3.06 GHz / AMD K7/K8
- Supply Version ATX 2.03

#### Fans Specification

- 2xFans(40x40x28mm) High Rotation Ball Bearing, Max up to 5\*fans
- 2xFans(40x40x28mm)

#### Indicators

- 1xDisk Drive Status LED
- 1xPower LED
- 2xNIC LEDs

#### Power Supply Space

- 190~205mm Depth
- 1U Height

#### Front Panel Access

- N/A

#### Riser Card

- 1x32 Bit PCI 5V

#### Filter

- Air-Filter (Matt)

#### Material

- SECCESAXZ Meet,RoHs, CE,UL

#### Front Device Bays

- 1xSlim Floppy
- 1\*5.25" CD-ROM
- 2x3.5" Hard Disks

#### Application Reference

- Web Server
- Firewall Server
- Proxy Server
- VPN Server
- E-Mail Server
- ISP
- DNS Server
- High-end Workstation

#### Switches

- Power On/Off
- Reset On/Off

#### Temperatures

0°C~45°C(Operation)

#### Chassis Dimension

- MM: (W) 429 x (H) 44 x (D) 508
- INCH : (W) 19" x (H) 1.73" x (D) 20"

#### Shipping Dimension

- 2.0 cuft single packing
- 510 pcs/ 20' CTN Q'ty

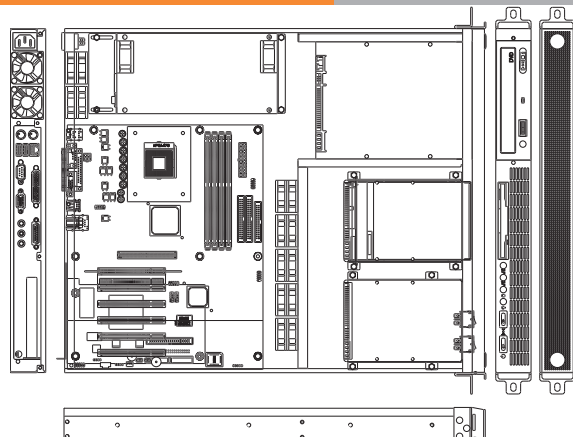
#### Weight

- N.W.: 4.51 KGS
- G.W.: 6.36 KGS

#### Finished

- Black : RAL 9011
- Beige : RAL 7035

### Constructon Drawing



Ø 1.6mm Meshed Front Panel with 2 Keylocks

# CLM51-24

## 1U 15" Depth Rack Mount Server Chassis



Excellent Thermal Efficiency & System Security Design

Inside View



### Specifications

#### Motherboard Specification

- Max to 12"x9.6" ATX
- Intel Pentium 4 3.06 GHz / AMD K7/K8
- Supply Version ATX 2.03

#### Fans Specification

- Front: 1x Blower(97x94x33mm)
- Rear: 2x 40\*40\*20mm

#### Indicators

- 1xDisk Drive Status LED
- 1xPower LED
- 2xNIC LEDs

#### Power Supply Space

- 190~205mm Depth
- 1U Height

#### Front Panel Access

USB 2 Ports

#### Riser Card

- 1x32 Bit PCI 5V

#### Filter

- Air-Filter (Matt)

#### Material

- SECCESAXZ Meet,RoHs, CE,UL

#### Front Device Bays

- 1xSlim CD-ROM
- 2x3.5" Hard Disks

#### Application Reference

- Web Server
- E-Mail Server
- Firewall Server
- ISP
- Proxy Server
- DNS Server
- VPN Server
- High-end Workstation

#### Switches

- Power On/Off
- Reset On/Off

#### Temperatures

0°C~45°C(Operation)

#### Chassis Dimension

- MM: (W) 429 x (H) 44 x (D) 382
- INCH : (W) 19" x (H) 1.73" x (D) 15"

#### Shipping Dimension

- 1.4 cuft single packing
- 728 pcs/ 20' CTN Q'ty

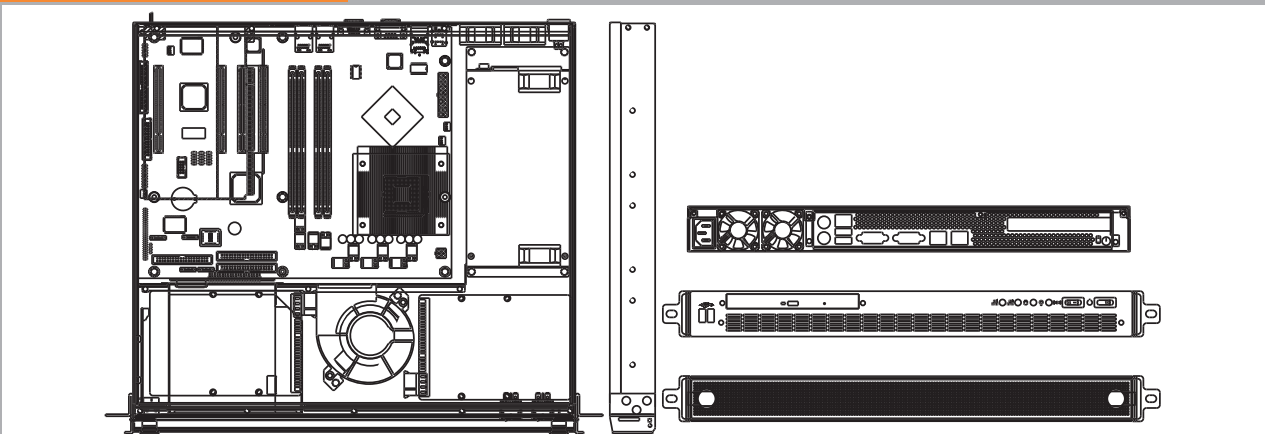
#### Weight

- N.W.: 4.51 KGS
- G.W.: 6.36 KGS

#### Finished

- Black : RAL 9011
- Beige : RAL 7035

### Constructon Drawing

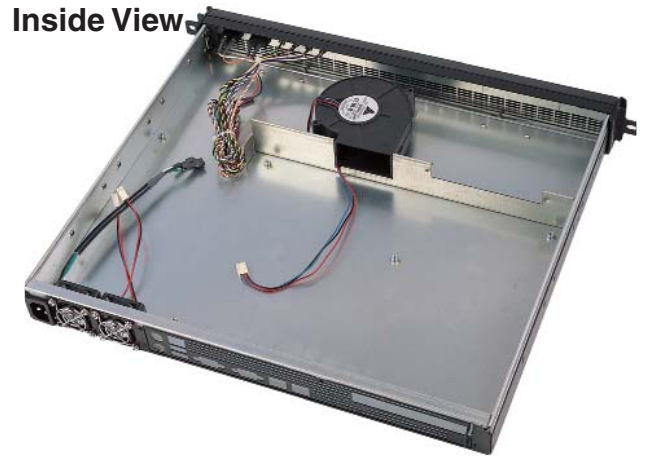


# CLM51-25

## 1U 15" Depth Rack Mount Server Chassis



Excellent Thermal Efficiency & System Security Design



### Specifications

#### Motherboard Specification

- Max to 12"x9.6" ATX
- Intel Pentium 4 3.06 GHz / AMD K7/K8
- Supply Version ATX 2.03

#### Fans Specification

- Front: 1x Blower(97x94x33mm)
- Rear: 2x 40\*40\*20mm

#### Indicators

- 1xDisk Drive Status LED
- 1xPower LED
- 2xNIC LEDs

#### Power Supply Space

- 190~205mm Depth
- 1U Height

#### Front Panel Access

USB 2 Ports

#### Riser Card

- 1x32 Bit PCI 5V

#### Filter

- Air-Filter (Matt)

#### Material

- SECCESAXZ Meet,RoHs, CE,UL

#### Front Device Bays

- 1xSlim CD-ROM
- 2x3.5" Hard Disks

#### Application Reference

- Web Server
- E-Mail Server
- Firewall Server
- ISP
- Proxy Server
- DNS Server
- VPN Server
- High-end Workstation

#### Switches

- Power On/Off
- Reset On/Off

#### Temperatures

0°C~45°C(Operation)

#### Chassis Dimension

- MM: (W) 429 x (H) 44 x (D) 382
- INCH : (W) 19" x (H) 1.73" x (D) 15"

#### Shipping Dimension

- 1.4 cuft single packing
- 728 pcs/ 20' CTN Q'ty

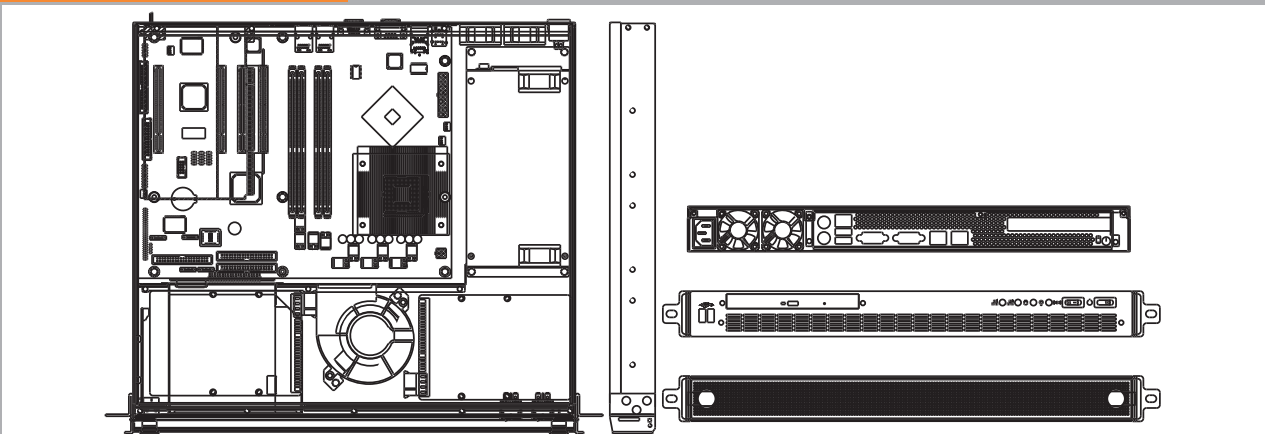
#### Weight

- N.W.: 4.51 KGS
- G.W.: 6.36 KGS

#### Finished

- Black : RAL 9011
- Beige : RAL 7035

### Constructon Drawing





# CLM51-26

## 1U 15" Depth Rack Mount Server Chassis



Excellent Thermal Efficiency & System Security Design

Inside View



### Specifications

#### Motherboard Specification

- Max to 12"x9.6" ATX
- Intel Pentium 4 3.06 GHz / AMD K7/K8
- Supply Version ATX 2.03

#### Fans Specification

- Rear: 1x Blower(97x94x33mm)

#### Indicators

- 1xDisk Drive Status LED
- 1xPower LED
- 2xNIC LEDs

#### Power Supply Space

- 190~205mm Depth
- 1U Height

#### Front Panel Access

N/A

#### Riser Card

- 1x32 Bit PCI 5V

#### Filter

- Air-Filter (Matt)

#### Material

- SECCESAXZ Meet,RoHs, CE,UL

#### Front Device Bays

- 1xSlim CD-ROM
- 2x3.5" Hard Disks

#### Application Reference

- Web Server
- E-Mail Server
- Firewall Server
- ISP
- Proxy Server
- DNS Server
- VPN Server
- High-end Workstation

#### Switches

- Power On/Off
- Reset On/Off

#### Temperatures

0°C~45°C(Operation)

#### Chassis Dimension

- MM: (W) 429 x (H) 44 x (D) 382
- INCH : (W) 19" x (H) 1.73" x (D) 15"

#### Shipping Dimension

- 1.4 cuft single packing
- 728 pcs/ 20' CTN Q'ty

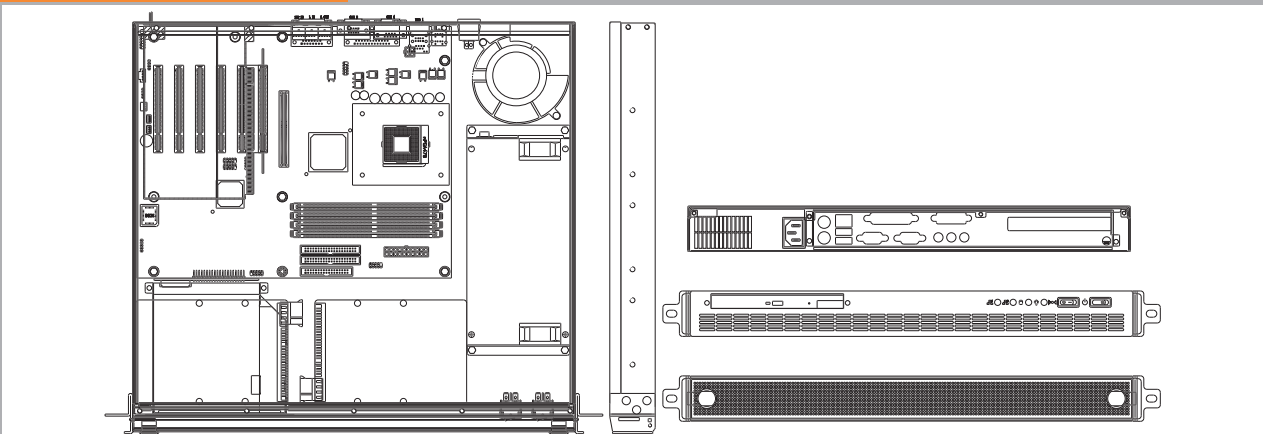
#### Weight

- N.W.: 4.51 KGS
- G.W.: 6.36 KGS

#### Finished

- Black : RAL 9011
- Beige : RAL 7035

### Constructon Drawing



# CLM51-27

## 1U 15" Depth Rack Mount Server Chassis



Excellent Thermal Efficiency & System Security Design

Inside View



### Specifications

#### Motherboard Specification

- Max to 12"x9.6" ATX
- Intel Pentium 4 3.06 GHz / AMD K7/K8
- Supply Version ATX 2.03

#### Fans Specification

- Rear: 1x Blower(97x94x33mm)

#### Indicators

- 1xDisk Drive Status LED
- 1xPower LED
- 2xNIC LEDs

#### Power Supply Space

- 190~205mm Depth
- 1U Height

#### Front Panel Access

N/A

#### Riser Card

- 1x32 Bit PCI 5V

#### Filter

- Air-Filter (Matt)

#### Material

- SECCESAXZ Meet,RoHs, CE,UL

#### Front Device Bays

- 2x3.5" Hard Disks

#### Application Reference

- Web Server
- E-Mail Server
- Firewall Server
- ISP
- Proxy Server
- DNS Server
- VPN Server
- High-end Workstation

#### Switches

- Power On/Off
- Reset On/Off

#### Temperatures

0°C~45°C(Operation)

#### Chassis Dimension

- MM: (W) 429 x (H) 44 x (D) 382
- INCH : (W) 19" x (H) 1.73" x (D) 15"

#### Shipping Dimension

- 1.4 cuft single packing
- 728 pcs/ 20' CTN Q'ty

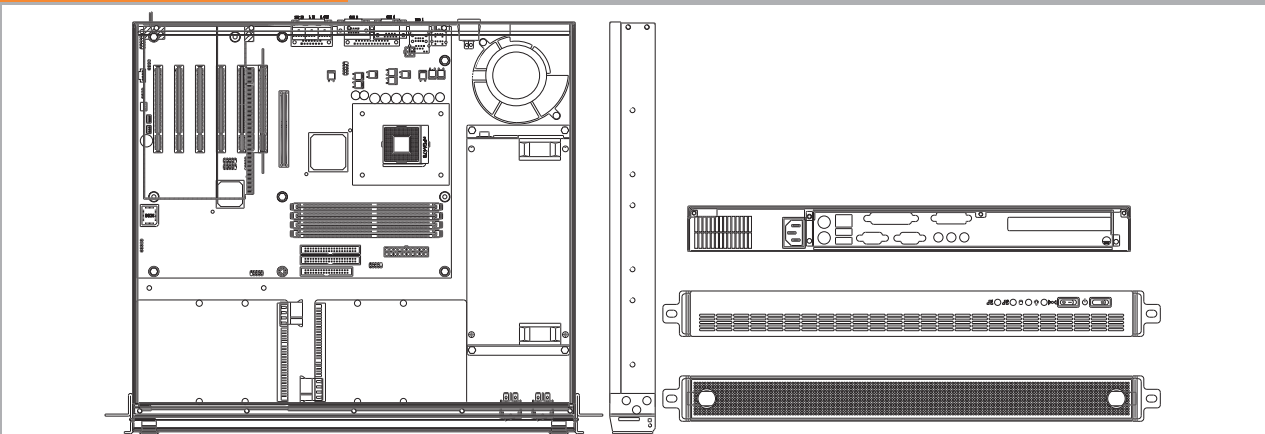
#### Weight

- N.W.: 4.51 KGS
- G.W.: 6.36 KGS

#### Finished

- Black : RAL 9011
- Beige : RAL 7035

### Constructon Drawing

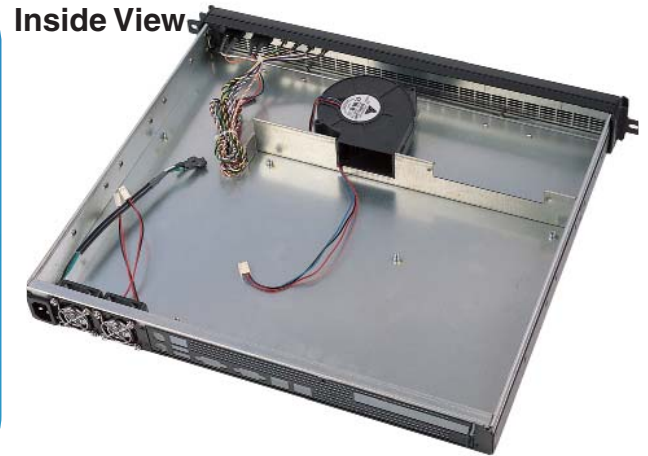


# CLM51-28

## 1U 15" Depth Rack Mount Server Chassis



Excellent Thermal Efficiency & System Security Design



### Specifications

#### Motherboard Specification

- Max to 12"x9.6" ATX
- Intel Pentium 4 3.06 GHz / AMD K7/K8
- Supply Version ATX 2.03

#### Fans Specification

- Front: 1x Blower(97x94x33mm)
- Rear: 2x Fans(40X40X20mm)

#### Indicators

- 1xDisk Drive Status LED
- 1xPower LED
- 2xNIC LEDs

#### Power Supply Space

- 190~205mm Depth
- 1U Height

#### Front Panel Access

N/A

#### Riser Card

- 1x32 Bit PCI 5V

#### Filter

- Air-Filter (Matt)

#### Material

- SECCESAXZ Meet,RoHs, CE,UL

#### Front Device Bays

- 2x3.5" Hard Disks

#### Application Reference

- Web Server
- E-Mail Server
- Firewall Server
- ISP
- Proxy Server
- DNS Server
- VPN Server
- High-end Workstation

#### Switches

- Power On/Off
- Reset On/Off

#### Temperatures

0°C~45°C(Operation)

#### Chassis Dimension

- MM: (W) 429 x (H) 44 x (D) 382
- INCH : (W) 19" x (H) 1.73" x (D) 15"

#### Shipping Dimension

- 1.4 cuft single packing
- 728 pcs/ 20' CTN Q'ty

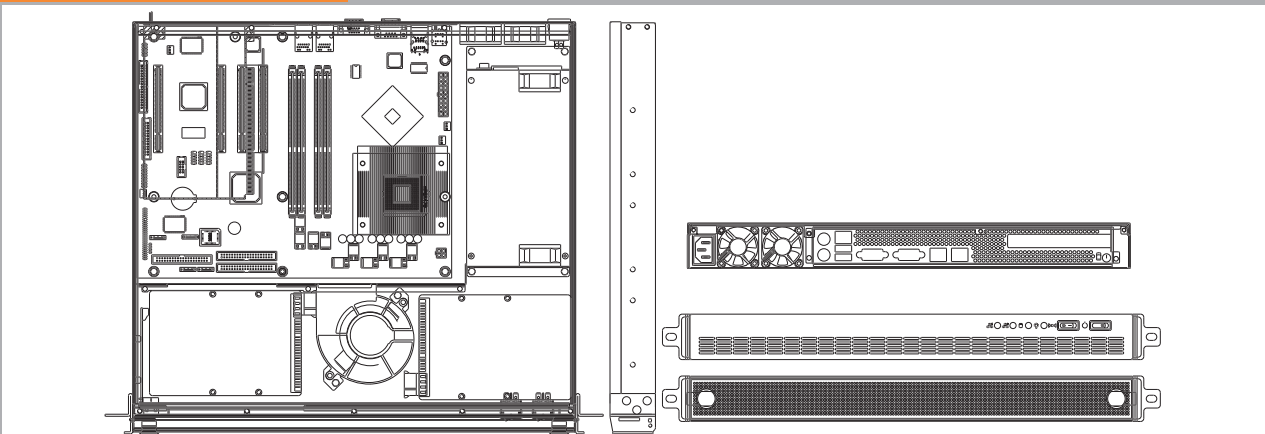
#### Weight

- N.W.: 4.51 KGS
- G.W.: 6.36 KGS

#### Finished

- Black : RAL 9011
- Beige : RAL 7035

### Constructon Drawing



# CLM51-29

## 1U 21" Depth Rack Mount Server Chassis



Excellent Thermal Efficiency & System Security Design

Inside View



### Specifications

#### Motherboard Specification

- Max to 9.6"x9.6" ATX
- Intel Pentium 4 3.06 GHz / AMD K7/K8
- Supply Version ATX 2.03

#### Fans Specification

- Front: 2x Fans(40X40X20mm)
- 2x Fans(40X40X28mm) (Options)
- 2x Fans(40X40X28mm)

#### Indicators

- 1xDisk Drive Status LED
- 1xPower LED
- 2xNIC LEDs & 1x Fan Fault LED

#### Power Supply Space

- Max 205mm Depth
- 1U Height

#### Front Panel Access

- Fan Control Board
- 2 USB Ports

#### Riser Card

- 1x PCI Express 16X
- 2x32 Bit PCI 5V with flexible Cable

#### Filter

- Air-Filter (Matt)

#### Material

- SECCESAXZ Meet,RoHs, CE,UL

#### Front Device Bays

- 1x 5.25" CD-ROM
- 1x Slim Floppy
- 2x3.5" Hard Disks

#### Application Reference

- Web Server
- E-Mail Server
- Firewall Server
- ISP
- Proxy Server
- DNS Server
- VPN Server
- High-end Workstation

#### Switches

- Power On/Off
- Reset On/Off

#### Temperatures

0°C~45°C(Operation)

#### Chassis Dimension

- MM: (W) 429 x (H) 44 x (D) 530
- INCH : (W) 19" x (H) 1.73" x (D) 20.8

#### Shipping Dimension

- 2.15 cuft single packing
- 465 pcs/ 20' CTN Q'ty

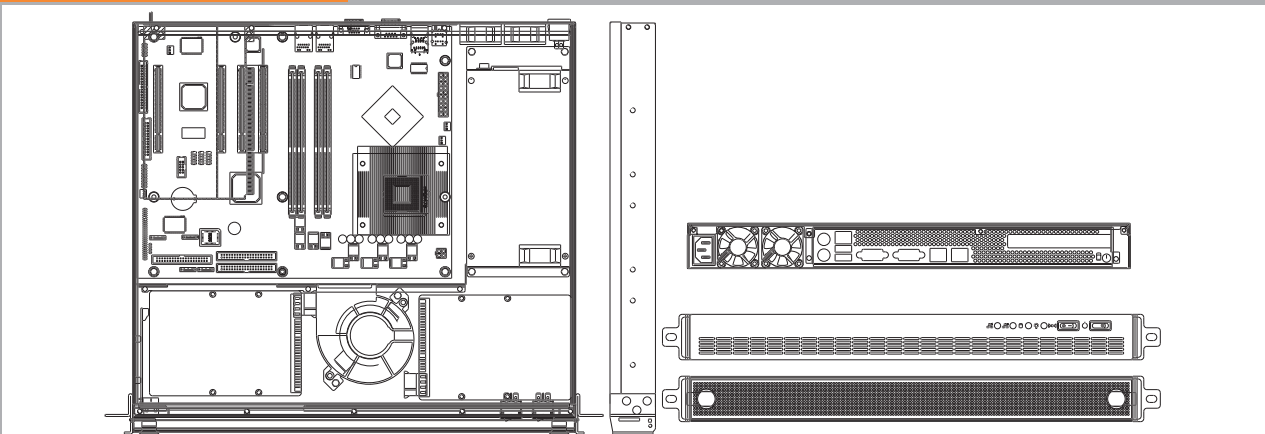
#### Weight

- N.W.: 4.51 KGS
- G.W.: 6.36 KGS

#### Finished

- Black : RAL 9011
- Beige : RAL 7035

### Constructon Drawing



# CLM51-30

## 1U 8.8" Depth Rack Mount Server Chassis



Excellent Thermal Efficiency & System Security Design

### Inside View



### Specifications

#### Motherboard Specification

- Mini-ITX M/B(6.7"\*6.7")

#### Fans Specification

- Left Rear: 1\*40x40x20mm fan
- Right Rear: 1\* 40x40x15mm fan

#### Indicators

- 1xDisk Drive Status LED
- 1xPower LED
- 1xNIC LED

#### Power Supply Space

- Max to W81.5x150x40.5mm
- 1U Height

#### Front Panel Access

- 2 USB Ports

#### Riser Card

- 1x 32 bit 5V PCI

#### Filter

- N/A

#### Material

- SECCESAXZ Meet,RoHs, CE,UL

#### Front Device Bays

- 1x Slim CD-ROM
- 1x Slim Floppy
- 1x2.5" Hard Disks
- 1x Slim CD-ROM
- 1x 3.5" Hard Disk

#### Application Reference

- Web Server
- Firewall Server
- Proxy Server
- VPN Server
- E-Mail Server
- ISP
- DNS Server
- High-end Workstation

#### Switches

- Power On/Off
- Reset On/Off

#### Temperatures

0°C~45°C(Operation)

#### Chassis Dimension

- MM: (W) 435 x (H) 44 x (D) 223.8
- INCH : (W) 19" x (H) 1.73" x (D) 8.8"

#### Shipping Dimension

- MM: (W) 578 x (H) 132 x (D) 308
- INCH : (W) 22.8" x (H) 5.2" x (D) 12.1"

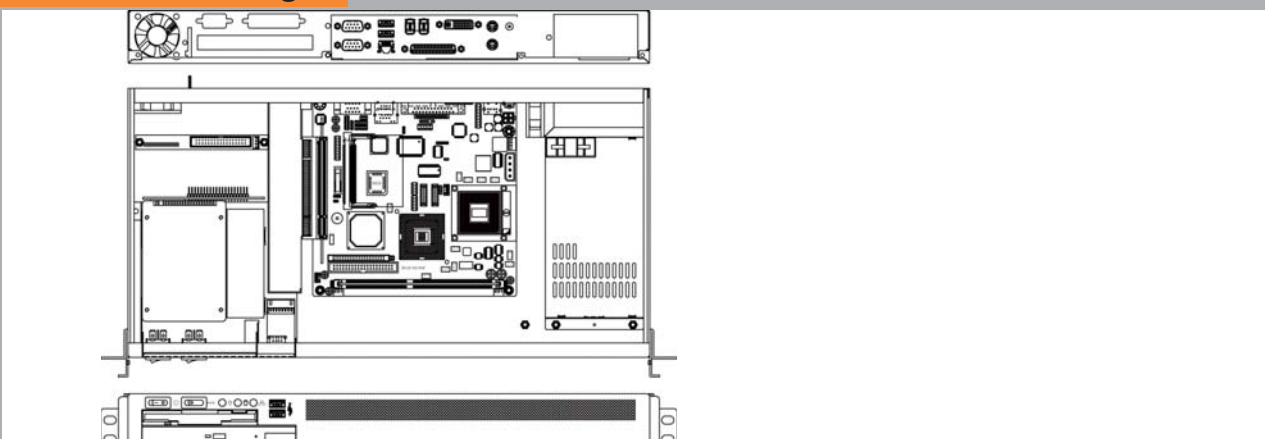
#### Weight

- N.W.: 2.5 KGS
- G.W.: 3.0 KGS

#### Finished

- Black : RAL 9011
- Beige : RAL 7035

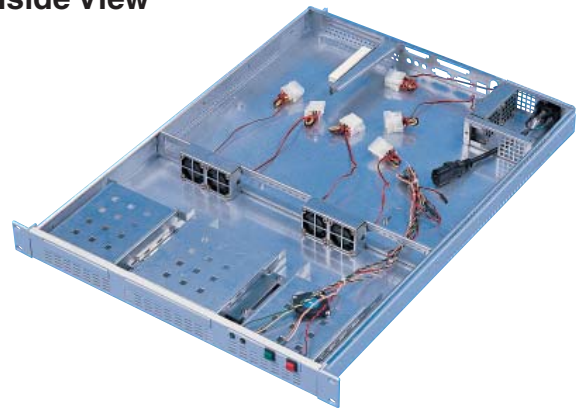
### Constructon Drawing



# CLM-7134A/7135A

For ATX M/B or Micro-ATX M/B

Inside View



## Specifications

### Motherboard Specification

- CLM-7134A : 9.6"x9.6" ATX
- CLM-7134A : 12"x 13" ATX

### Fans Specification

- 6x Fans(40X40X20mm)

### Indicators

- 1xDisk Drive Status LED
- 1xPower LED
- 2xNIC LEDs & 1x Fan Fault LED

### Power Supply Space

Micro-ATX 200W/250W/300W

### Front Panel Access

- Fan Control Board
- 2 USB Ports

### Riser Card

1x32 Bit PCI (ATX M/B Slot #6)

### Filter

- Air-Filter (Matt)

### Material

- SECCESAXZ Meet,RoHs, CE,UL

### Front Device Bays

- 1x 5.25" CD-ROM
- 1x Slim Floppy
- 3x3.5" Hard Disks

### Application Reference

- Web Server
- Firewall Server
- Proxy Server
- VPN Server
- E-Mail Server
- ISP
- DNS Server
- High-end Workstation

### Switches

- Power On/Off
- Reset On/Off

### Temperatures

0°C~45°C(Operation)

### Chassis Dimension

- 7134A : (W) 19" x (H) 1.75" x (D) 20.5"
- 7135A : (W) 19" x (H) 1.75" x (D) 24"

### Shipping Dimension

- 7134A : 1PC / CTN / 2.5 CUFT
- 7135A : 1PC / CTN / 2.9 CUFT

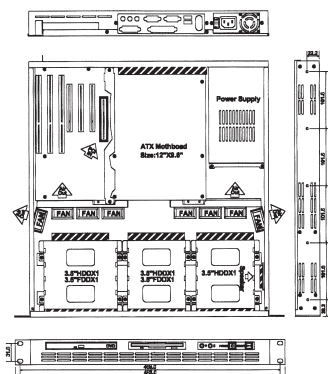
### Weight

- N.W.: 6 KGS
- G.W.: 8 KGS

### Finished

- Black : RAL 9011
- Beige : RAL 7035

## Constructon Drawing



# 2U Rack Mount Server Chassis

## Overview



## Features:

- Excellent Thermal Efficiency Construction.
- Cost-Effective PS/2 type Power Supply Design
- Flexible & Expandable Rear Window panel
- ATX M/B version
- BTX M/B version
- Low-profile M/B version
- Ø1.6 Dense Meshed Design for high performance air-flow front panel
- Keylock for system security
- Outstanding Handles

## CLM52-XX Serial Introduction:

In the beginning 2006, the CLM has developed a new generation 2U CLM52-XX serial Rackmount Server Chassis, they are designed in excellent Thermal Efficiency and High performance air-flow ventilation structure in cost-effective to create a stability & valuable server working in long life.

An intelligent, Flexibility and Expansibility rear window panels to comply various brand's Motherboard which are supporting SSI EEB1.01, BTX, AIX, Micro-AIX, Low-profile form factor compatible with these new serial 2U Server Chassis. The CLM52-03 are suitable for Enterprise Server & DVR systems.

As 25 years professional stamping skill. The CLM has gotten advanced innovated stamping technique to make our new chassis' construction being a "cylinder" type on two sides edge of the Bottom for slide in-out the cover smoothly. Besides, all chassis are made to meet F.C.C. EMC, UL standard without any spring-washer to get cost-down and free.

As one of the leader of IPC chassis manufacturer, our mission is to reach customer's demand and develop new products continually to meet markets tendency in advance for promotional custom "business". The CLM52-03 serial is designed for using PS/2 type power supply for saving a server cost In-Expensive.

# 2U Rack Mount Server Chassis

Model No.	M/B Size	Power Spec	Fan		
			Front	Middle	Rear
CLM-52-13AL7	12"x9.6" ATX	ATX/PS2 power	3x 70*70*25	N/A	1x 80*80*25
CLM-52-13AH3	12"x9.6" ATX	ATX/PS2 power	3x 70*70*25	N/A	1x 80*80*25
CLM-52-12AL7	12"x9.6" ATX	Single 2U power	3x 70*70*25	N/A	N/A
CLM-52-12AH3	12"x9.6" ATX	Single 2U power	3x 70*70*25	N/A	N/A
CLM-52-12MAL4	9.6"x9.6" ATX	Single 2U power	3x 70*70*25	N/A	N/A
CLM-52-11AL7	12"x9.6" ATX	Single 1U power	3x 70*70*15	N/A	N/A
CLM-52-11AH3	12"x9.6" ATX	Single 1U power	3x 70*70*15	N/A	N/A
CLM-52-11MAL4	12"x9.6" ATX	ATX/PS2 power	3x 70*70*15	N/A	N/A
CLM-52-10AL7	12"x13" ATX	ATX/PS2 power	N/A	3x 80*80*25	1x 80*80*25
CLM-52-10AH3	12"x13" ATX	ATX/PS2 power	N/A	3x 80*80*25	1x 80*80*25
CLM-52-09AL7	12"x10.6" ATX	ATX/PS2 power	N/A	3x 80*80*25	1x 80*80*25
CLM-52-09AH3	12"x10.6" ATX	ATX/PS2 power	N/A	3x 80*80*25	1x 80*80*25
CLM-52-08AL7	12"x13" ATX	Single 2U power	N/A	N/A	3x 80*80*25
CLM-52-08MAL4	9.6"x9.6" ATX	ATX/PS2 power	N/A	N/A	3x 80*80*25
CLM-52-07AL7	12"x13" ATX	<ul style="list-style-type: none"> <li>• Single 2U power</li> <li>• Redundant Power</li> </ul>	N/A	4x 80*80*25	N/A
CLM-52-07AH3	12"x13" ATX	<ul style="list-style-type: none"> <li>• Single 2U power</li> <li>• Redundant Power</li> </ul>	N/A	4x 80*80*25	N/A
CLM-52-06AL7	12"x10.6" ATX	Single 2U power	N/A	4x 80*80*25	N/A
CLM-52-06AH3	12"x10.6" ATX	Single 2U power	N/A	4x 80*80*25	N/A
CLM-52-06MAL4	9.6"x9.6" ATX	ATX/PS2 power	N/A	4x 80*80*25	N/A
CLM-52-05MAL4	12"x9.6" ATX	ATX/PS2 power	N/A	3x 80*80*25	N/A
CLM-52-05AL7	12"x10.6" ATX	Single 2U power	N/A	3x 80*80*25	N/A
CLM-52-05AH3	12"x10.6" ATX	Single 2U power	N/A	3x 80*80*25	N/A
CLM-52-04	12"x13" ATX	ATX/PS2 power	2x 80*80*25	N/A	2x 80*80*25
CLM-52-03	12"x10.6" ATX	ATX/PS2 power	2x 80*80*25	N/A	2x 80*80*25
CLM-9235A	12"x9.6" ATX	ATX/PS2 power	N/A	2x 80*80*25	2x 80*80*25
CLM-9234A	12"x9.6" ATX	ATX/PS2 power	N/A	2x 80*80*25	2x 80*80*25
CLM-7235A	12"x13" ATX	<ul style="list-style-type: none"> <li>• Single 2U power</li> <li>• Redundant Power</li> </ul>	2x 80*80*25	2x 80*80*25	N/A
CLM-7234A	12"x9.6" ATX	<ul style="list-style-type: none"> <li>• Single 2U power</li> <li>• Redundant Power</li> </ul>	2x 80*80*25	2x 80*80*25	N/A



Model No.	Device			USB	Dimension Depth	Page
	Hard Disk	Floppy	CD-ROM			
CLM-52-13AL7	6	1	1	2 Ports	535mm	Page 42
CLM-52-13AH3	6	1	1	2 Ports	535mm	Page 41
CLM-52-12AL7	6	1	1+Slim	2 Ports	510mm	Page 39
CLM-52-12AH3	6	1	1+Slim	2 Ports	510mm	Page 38
CLM-52-12MAL4	6	1	1+Slim	2 Ports	510mm	Page 40
CLM-52-11AL7	2+1	N/A	1	2 Ports	368mm	Page 36
CLM-52-11AH3	2+1	N/A	1	2 Ports	368mm	Page 35
CLM-52-11MAL4	3	N/A	1	2 Ports	368mm	Page 37
CLM-52-10AL7	5	1	2	N/A	660mm	Page 34
CLM-52-10AH3	5	1	2	N/A	660mm	Page 33
CLM-52-09AL7	5	1	2	N/A	584mm	Page 32
CLM-52-09AH3	5	1	2	N/A	584mm	Page 31
CLM-52-08AL7	3	N/A	Slim	2 Ports	434mm	Page 30
CLM-52-08MAL4	3	1	1+Slim	2 Ports	434mm	Page 29
CLM-52-07AL7	2	1	4	N/A	660mm	Page 28
CLM-52-07AH3	2	1	4	N/A	660mm	Page 27
CLM-52-06AL7	2	1	4	N/A	584mm	Page 26
CLM-52-06AH3	2	1	4	N/A	584mm	Page 25
CLM-52-06MAL4	2	1	4	N/A	584mm	Page 24
CLM-52-05MAL4	3	1	1+Slim	2 ports	484mm	Page 21
CLM-52-05AL7	3	1	1+Slim	2 ports	484mm	Page 23
CLM-52-05AH3	3	1	1+Slim	2 ports	484mm	Page 22
CLM-52-04	3	1	1	2 ports	540mm	Page 19-20
CLM-52-03	3	1	1	2 ports	620mm	Page 17-18
CLM-9235A	3	2	2	N/A	24"	Page 44
CLM-9234A	3	2	2	N/A	24"	Page 44
CLM-7235A	6	1	1	N/A	20.5"	Page 44
CLM-7234A	6	1	1	N/A	20.5"	Page 44

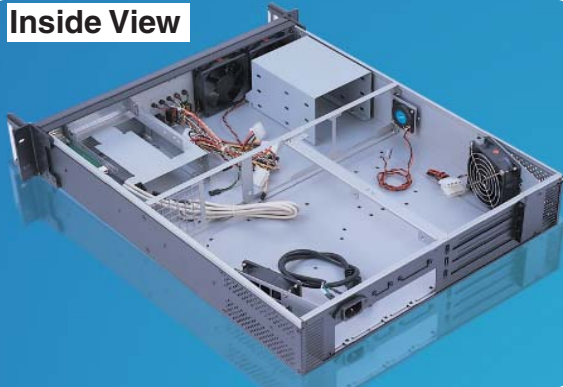
# CLM-52-03

## 2U 60°C Thermal Efficiency Server Chassis

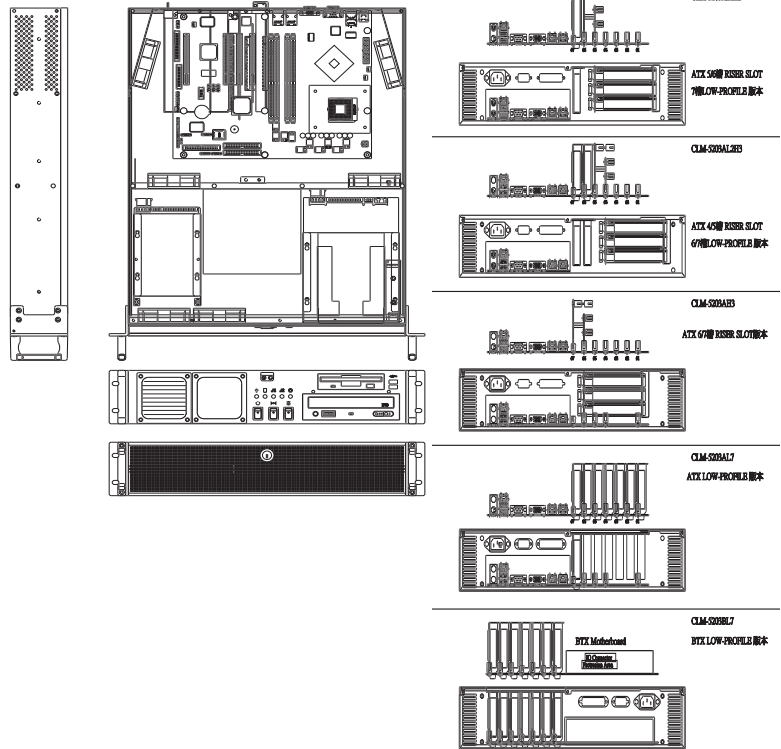
Inner Front View



Inside View



Constructon Drawing



### Specifications

Design for cost-Effective PS/2 type Power Supply

#### Applications

- ◆ Mail / Firewall Server
- ◆ Proxy Server
- ◆ VPN Gateway
- ◆ High-End Workstation
- ◆ Print Server

#### Front Panel Access

- |           |                                                 |
|-----------|-------------------------------------------------|
| LEDs      | ◆ Disk Drive Status                             |
|           | ◆ Power LED                                     |
|           | ◆ NIC LED                                       |
|           | ◆ Fan Fault LED                                 |
| Switches  | ◆ Power ON/OFF                                  |
|           | ◆ Reset ON/OFF                                  |
|           | ◆ Buzzer Reset NO/OFF                           |
|           | ◆ Key-Lock                                      |
|           | ◆ Extruded Aluminum handles<br>(Patent Pending) |
|           | ◆ Meshed 1.6mm Design(Patent Pending)           |
| Connector | ◆ USB 2 Ports with Cable                        |

#### Mother Board

- |                 |                                                   |
|-----------------|---------------------------------------------------|
| Processor Cache | ◆ INTEL Pentium 4 3.06 GHz                        |
|                 | ◆ AMD K7/K8                                       |
| Space           | ◆ Max to 12"(W)X10.6"(D)<br>compliant ATX/SSI CEB |

#### Device Bays

- ◆ 1x5.25" CD-ROM
- ◆ 1x3.5" Floppy
- ◆ 3x3.5" Hard Disks

#### System Cooling:(Fans)

- |        |                                                   |
|--------|---------------------------------------------------|
| Front  | ◆ 2xAxial Middle Rotation<br>80X80X25mm           |
| Middle | ◆ 2xAxial Middle Rotation<br>80X80X25mm(Optional) |
| Rear   | ◆ 2xAxial Middle Rotation<br>80X80X25mm           |

#### Material

- ◆ SECCESAXZ (ROHS)Standard

#### Environment

- |               |                         |
|---------------|-------------------------|
| Operating     | ◆ 0°C(32F)~35°C(95F)    |
| non-Operating | ◆ 0°C(32F)~50°C(122F)   |
| Humidity      | ◆ 5%~95% non-condensing |

#### Air-Filter

- ◆ 2 Meshed SUS Metal filters
- ◆ Removable & Washable

#### Dimension

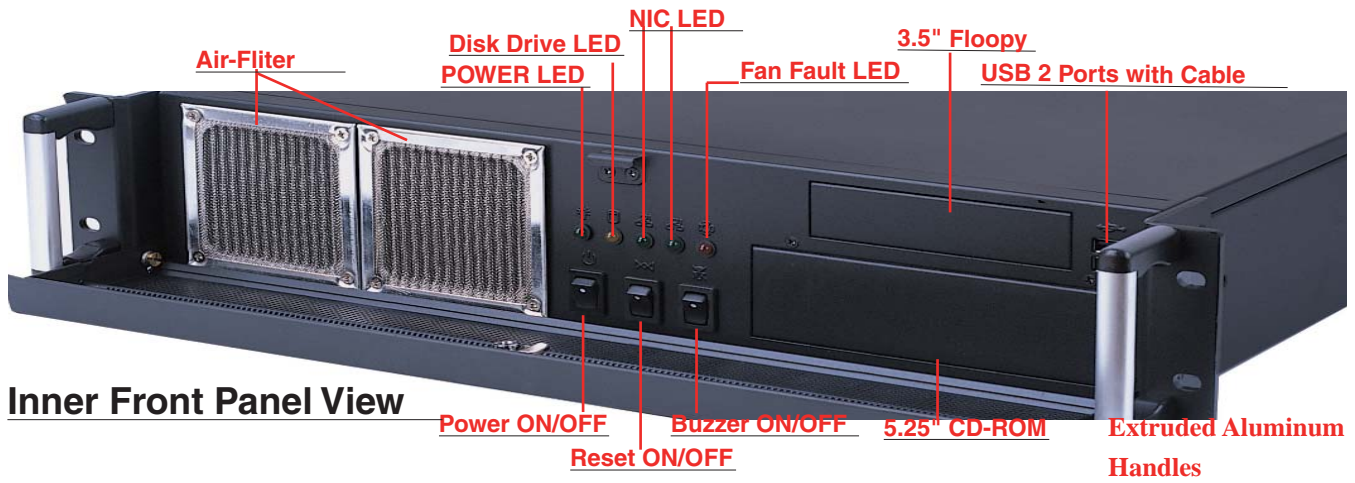
- |          |                                    |
|----------|------------------------------------|
| Body     | ◆ MM:(W)426X(D)540X(H)88           |
|          | ◆ INCH:(W)19"X(D)21.2"X(H)3.46"    |
| Shipping | ◆ MM:(W)550X(D)680X(H)243          |
|          | ◆ 330 PCS/ 3.1 cuft / 20' CTN Q'ty |

#### Finished

- |       |            |
|-------|------------|
| Black | ◆ RAL 9011 |
| Beige | ◆ RAL 7035 |

#### Power Supply

- ◆ ATX300W~600W PS/2 type(Optional)



Inner Front Panel View

**Guide** Flexible Rear window panel to be expanded to comply various M/B

Versions: A: ATX M/B B: BTX M/B L: Low profile M/B H: Riser card slot  
 E.X. CLM52-03AH3 : for ATX M/B , Riser card with 3 PCI slots

**Rear Panel View**



Rear Panel View



Rear Panel View



Rear Panel View



Rear Panel View



**Optional Accessories**

**Expansion Slots**

CLM52-03AH3 (a)	◆ ATX M/B Solt in #6#7 ◆ With 3 PCI slots Riser card	CLM52-03AL7 (d)	◆ 7x Low-Profile slots ◆ ATX M/B Version
CLM52-03AL1H3 (b)	◆ ATX M/B Solt in #5#6 ◆ Low profile M/B ,slot in #7 ◆ With 3 PCI slot Riser card	CLM52-03BL7 (e)	◆ 7x Low-Profile slots ◆ BTX M/B Version
CLM52-03AL2H3 (c)	◆ ATX M/B Solt in #4#5 ◆ With 3 PCI slot Riser card		◆ Low profile M/B slot in #6#7

**Power Supply(Optional)**

(a,b,c,d,e)

PINs	● 20+4 ● 24+8+6 ● 24+4 ● 24+8+4	Watts	● 300W ● 350W ● 400W ● 460W ● 500W ● 600W
------	------------------------------------	-------	----------------------------------------------

**Riser Card(Optional)**

(a,b,c)

- ◆ 3x32 BIT 5.0V PCI(Optional)
- ◆ 3x64 BIT 3.3V PCI(Optional)
- ◆ 2x32 BIT 5.0V PCI\* 1xAGP 8x 1.5V(Optional)
- ◆ 2x32 BIT 5.0V PCI\* 1xPCI Express 16V(Optional)
- ◆ 2x64 BIT 5.0V PCI\* 1xAGP 8x 1.5V(Optional)
- ◆ 2x64 BIT 5.0V PCI\* 1xPCI Express 16V(Optional)

**Power Cord(Optional)**

(a,b,c,d,e)

- ◆ US Cable 15A/125V
- ◆ AU Cable 10A/250V
- ◆ GB Cable 16A/250V
- ◆ UK Cable 10A/250V

**Mounting Slide rails(Optional)**

(a,b,c,d,e)

- 2 Sections Telescopic Ball-Bearing Slide Rail
  - ◆ 18" ◆ 20" ◆ 22" ◆ 24" ◆ 26" ◆ 28"
- 3 Sections Telescopic Ball-Bearing Slide Rail
  - ◆ 18" ◆ 20" ◆ 22" ◆ 24" ◆ 26" ◆ 28"

**Fans 80x80x25mm(Optional)**

(a,b,c,d,e)

- ◆ Two Sleeve Bearing
- ◆ Two BallBearing
- ◆ 4-PIN Peripheral Connector
- ◆ 3-PIN Wire Connector
- ◆ High Rotation
- ◆ Middle Rotation
- ◆ Low Rotation

**Extension Cable(Optional)**

(a,b,c,d,e)

- ◆ 24PIN ATX power extension cable
- ◆ 20 pin male to 24pin female ATX power extension cable
- ◆ 20pin ATX power extension cable
- ◆ 4pin ATX power extension cable
- ◆ 8pin ATX power extension cable
- ◆ 8pin male to 4pin female ATX power extension cable
- ◆ Power "Y" Cable one 4pin female to two 4pin male into dual 5.25" version

**Control Board(Optional)**

(a,b,c,d,e)

- ◆ Fan Sensor Board

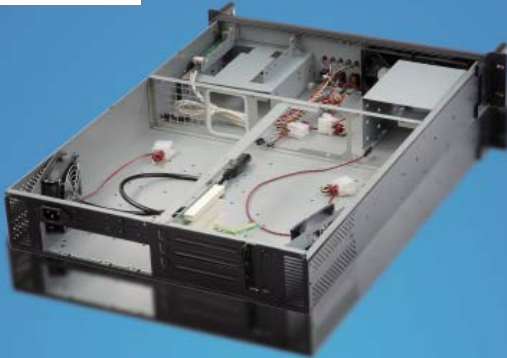
# CLM-52-04

## 2U 60°C Thermal Efficiency Server Chassis

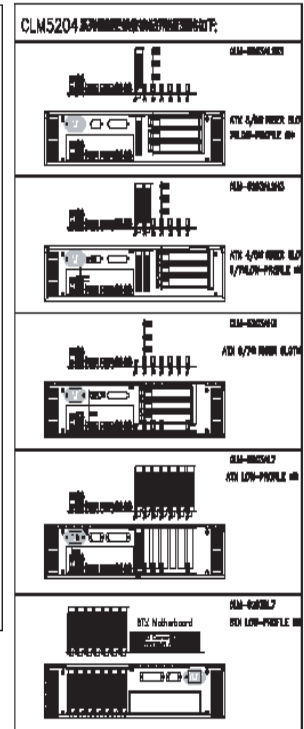
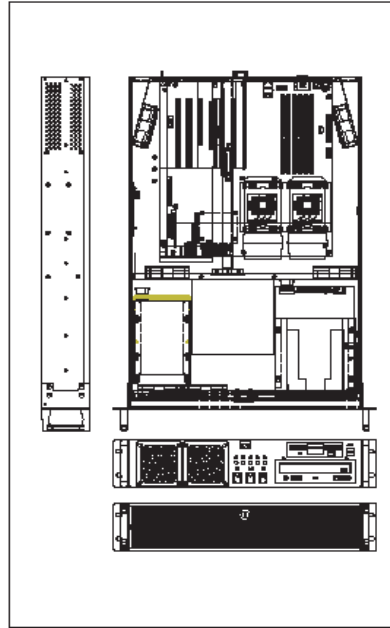
Inner Front View



Inside View



Constructon Drawing



### Specifications

Design for cost-Effective PS/2 type Power Supply

#### Applications

- ◆ Mail / Firewall Server
- ◆ Proxy Server
- ◆ VPN Gateway
- ◆ High-End Workstation
- ◆ Print Server

#### Front Panel Access

- |           |                                                |
|-----------|------------------------------------------------|
| LEDs      | ◆ Disk Drive Status                            |
|           | ◆ Power LED                                    |
|           | ◆ NIC LED                                      |
|           | ◆ Fan Fault LED                                |
| Switches  | ◆ Power ON/OFF                                 |
|           | ◆ Reset ON/OFF                                 |
|           | ◆ Buzzer Reset NO/OFF                          |
|           | ◆ Key-Lock                                     |
|           | ◆ Extruded Aluminum handles<br>(Patent Pended) |
|           | ◆ Meshed Ø1.6mm Dsign(Patent Pened)            |
| Connector | ◆ USB 2 Ports with Cable                       |

#### Mother Board

- |                 |                                                 |
|-----------------|-------------------------------------------------|
| Processor Cache | ◆ INTEL Pentium 4 3.06 GHz                      |
|                 | ◆ AMD K7/K8                                     |
| Space           | ◆ Max to 12"(W)X13"(D)<br>compliant ATX/SSI CEB |

#### Device Bays

- ◆ 1x5.25" CD-ROM
- ◆ 1x3.5" Floppy
- ◆ 3x3.5" Hard Disks

#### System Cooling:(Fans)

- |        |                                                  |
|--------|--------------------------------------------------|
| Front  | ◆ 2xAxoa Middle Rotation<br>80X80X25mm           |
| Middle | ◆ 2xAxoa Middle Rotation<br>80X80X25mm(Optional) |
| Rear   | ◆ 2xAxoa Middle Rotation<br>80X80X25mm           |

#### Material

- ◆ SECCESAXZ (ROHS)Standard

#### Environment

- |               |                         |
|---------------|-------------------------|
| Operating     | ◆ 0°C(32F)~35°C(95F)    |
| non-Operating | ◆ 0°C(32F)~50°C(122F)   |
| Humidity      | ◆ 5%~95% non-condensing |

#### Air-Filter

- ◆ 2 Meshed SUS Metal filters
- ◆ Removable & Washable

#### Dimension

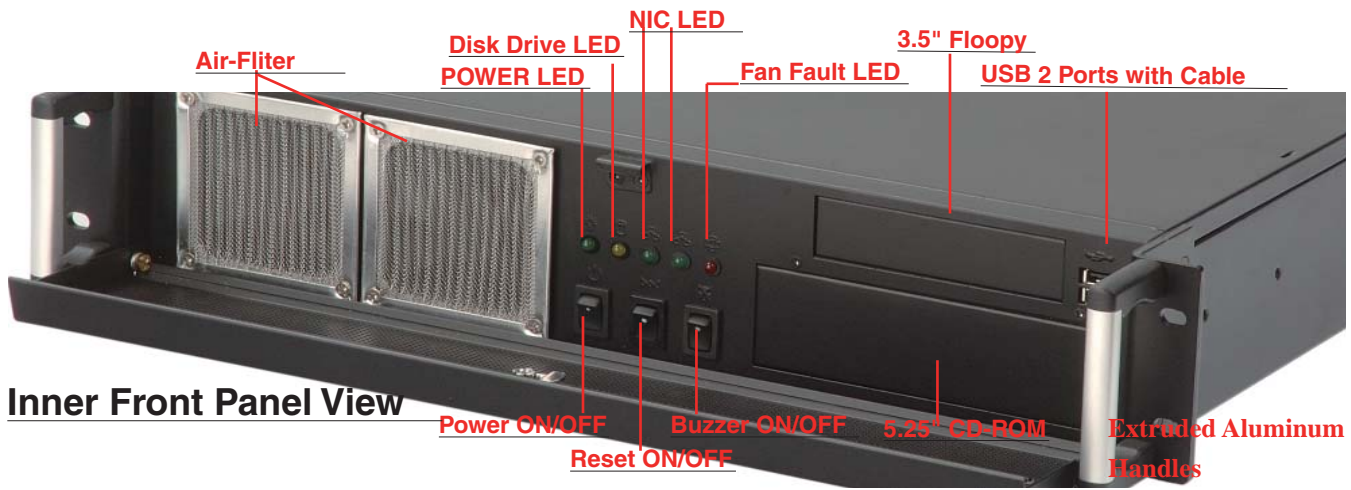
- |          |                                    |
|----------|------------------------------------|
| Body     | ◆ MM:(W)426X(D)620X(H)88           |
|          | ◆ INCH:(W)19"X(D)24.4"X(H)3.46"    |
| Shipping | ◆ MM:(W)550X(D)754X(H)243          |
|          | ◆ 330 PCS/ 3.1 cuft / 20' CTN Q'ty |

#### Finished

- |       |            |
|-------|------------|
| Black | ◆ RAL 9011 |
| Beige | ◆ RAL 7035 |

#### Power Supply

- ◆ ATX300W~600W PS/2 type(Optional)



Inner Front Panel View

**Guide** Flexible Rear window panel to be expanded to comply various M/B

Versions:A: ATX M/B B: BTX M/B L: Low profile M/B H: Riser card slot  
 E.X. CLM52-03AH3 : for ATX M/B , Riser card with 3 PCI slots

**Rear Panel View**



Rear Panel View



Rear Panel View



Rear Panel View



Rear Panel View



Rear Panel View

Optional Accessories	
<b>Expansion Slots</b>	
CLM52-04AH3 (a) ◆ ATX M/B Solt in #6#7 ◆ With 3 PCI slots Riser card	CLM52-04AL7 (d) ◆ 7x Low-Profile slots ◆ ATX M/B Version
CLM52-04AL1H3 (b) ◆ ATX M/B Solt in #5#6 ◆ Low profile M/B slot in #7 ◆ With 3 PCI slot Riser card	CLM52-04BL7 (e) ◆ 7x Low-Profile slots ◆ BTX M/B Version
CLM52-04AL2H3 (c) ◆ ATX M/B Solt in #4#5 ◆ With 3 PCI slot Riser card	◆ Low profile M/B slot in #6#7
<b>Power Supply(Optional)</b> (a,b,c,d,e)	
PINs ● 20+4 ● 24+8+6 ● 24+4 ● 24+8+4	Watts ● 300W ● 350W ● 400W ● 460W ● 500W ● 600W
<b>Riser Card(Optional)</b> (a,b,c)	
◆ 3x32 BIT 5.0V PCI(Optional) ◆ 3x64 BIT 3.3V PCI(Optional)	◆ 2x32 BIT 5.0V PCI* 1xAGP 8x 1.5V(Optional) ◆ 2x32 BIT 5.0V PCI* 1xPCI Express 16V(Optional) ◆ 2x64 BIT 5.0V PCI* 1xAGP 8x 1.5V(Optional) ◆ 2x64 BIT 5.0V PCI* 1xPCI Express 16V(Optional)
<b>Power Cord(Optional)</b> (a,b,c,d,e)	
◆ US Cable 15A/125V ◆ GB Cable 16A/250V	◆ AU Cable 10A/250V ◆ UK Cable 10A/250V
<b>Mounting Slide rails(Optional)</b> (a,b,c,d,e)	
2 Sections Telescopic Ball-Bearing Slide Rail ◆ 18" ◆ 20" ◆ 22" ◆ 24" ◆ 26" ◆ 28"	
3 Sections Telescopic Ball-Bearing Slide Rail ◆ 18" ◆ 20" ◆ 22" ◆ 24" ◆ 26" ◆ 28"	
<b>Fans 80x80x25mm(Optional)</b> (a,b,c,d,e)	
◆ Two Sleeve Bearing ◆ Two BallBearing ◆ 4-PIN Peripheral Connector ◆ 3-PIN Wire Connector	◆ High Rotation ◆ Middle Rotation ◆ Low Rotation
<b>Extension Cable(Optional)</b> (a,b,c,d,e)	
◆ 24PIN ATX power extension cable ◆ 20 pin male to 24pin female ATX power extension cable ◆ 20pin ATX power extension cable ◆ 4pin ATX power extension cable	◆ 8pin ATX power extension cable ◆ 8pin male to 4pin female ATX power extension cable ◆ Power "Y" Cable one 4pin female to two 4pin nale into dual 5.25" version
<b>Control Board(Optional)</b> (a,b,c,d,e)	
◆ Fan Sensor Board	

# CLM-52-05MAL4 19" Depth Chassis



Excellent Thermal Efficiency & System Security Design

Inside View



## Specifications

### Motherboard Specification

- Max to 9.6"x9.6" ATX
- Compliant CEB

### Fans Specification

- Front: N/A
- Middle: 3\* Axial(80\*80\*25mm)
- Rear: N/A

### Indicators

- 1xDisk Drive Status LED
- 1xPower LED & 1x Fan Fault LED
- 2xNIC LEDs

### Material

- SECCESAXZ Meet,RoHs, CE,UL

### Front Panel Access

- 2 USB Ports
- 2 Locks

### Application Reference

- Web Server
- Firewall Server
- Proxy Server
- VPN Server
- E-Mail Server
- ISP
- DNS Server
- High-end Workstation

### Chassis Dimension

- MM: (W) 429 x (H) 88 x (D) 484
- INCH : (W) 19" x (H) 3.46" x (D) 19"

### Shipping Dimension

- MM: (W) 546 x (H) 218 x (D) 618
- INCH : (W) 21.5" x (H) 8.58" x (D) 24.33"

### Power Supply Space

- Max 225mm Depth
- Single ATX/PS2 Power Supply

### Front Device Bays

- 1x5.25" CD-ROM & 1x Slim CD-ROM
- 1x Floppy
- 3x3.5" Hard Disks

### Switches

- Power On/Off
- Reset On/Off

### Filter

- Chemical Fibers Washable

### Expansion Slot

- PCI & PCI Express Low Profile Card

### Temperatures

0°C~45°C(Operation)

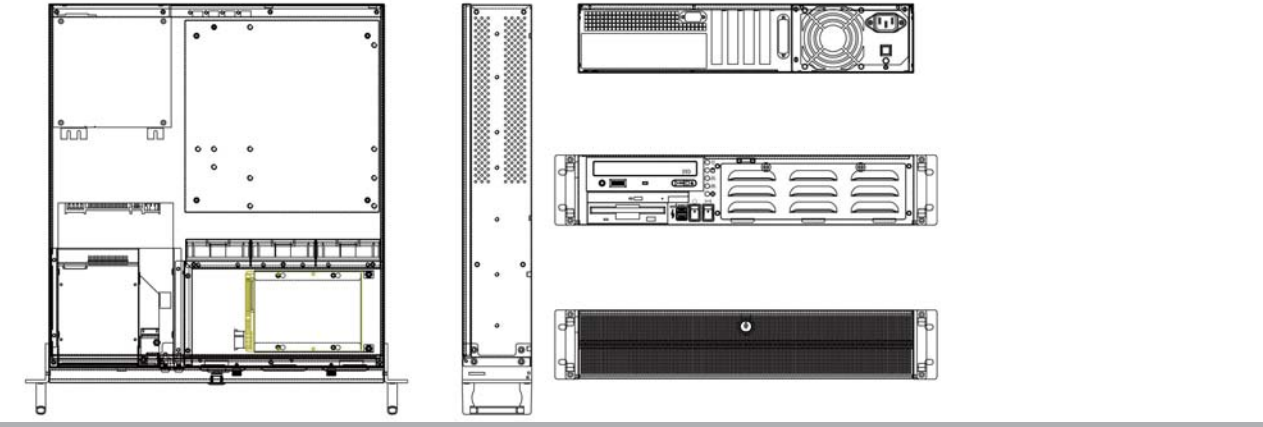
### Weight

- N.W.: N/A
- G.W.: N/A

### Finished

- Black : RAL 9011
- Beige : RAL 7035

## Constructon Drawing



# CLM-52-05AH3

## 19" Depth Chassis



Excellent Thermal Efficiency & System Security Design

### Inside View



## Specifications

### Motherboard Specification

- Max to 12"x10.6" ATX
- Compliant CEB

### Fans Specification

- Front: N/A
- Middle: 3\* Axial(80\*80\*25mm)
- Rear: N/A

### Indicators

- 1xDisk Drive Status LED
- 1xPower LED & 1x Fan Fault LED
- 2xNIC LEDs

### Material

- SECCESAXZ Meet,RoHs, CE,UL

### Front Panel Access

- 2 USB Ports
- 2 Locks

### Application Reference

- Web Server
- Firewall Server
- Proxy Server
- VPN Server
- E-Mail Server
- ISP
- DNS Server
- High-end Workstation

### Chassis Dimension

- MM: (W) 429 x (H) 88 x (D) 484
- INCH : (W) 19" x (H) 3.46" x (D) 19"

### Shipping Dimension

- MM: (W) 546 x (H) 218 x (D) 618
- INCH : (W) 21.5" x (H) 8.58" x (D) 24.33"

### Power Supply Space

- Max 225mm Depth
- Single EPS2 Power Supply

### Front Device Bays

- 1x5.25" CD-ROM &1x Slim CD-ROM
- 1x Floppy
- 3x3.5" Hard Disks

### Switches

- Power On/Off
- Reset On/Off

### Filter

- Chemical Fibers Washable

### Expansion Slot

- PCI Riser Card
- Max Depth 220mm

### Temperatures

0°C~45°C(Operation)

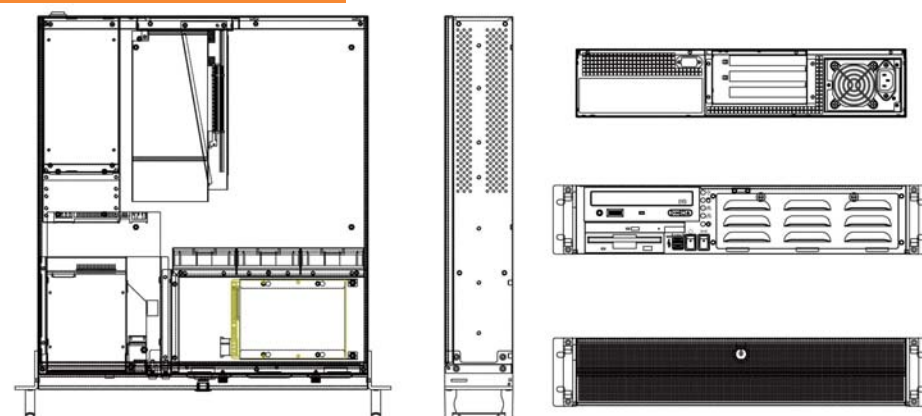
### Weight

- N.W.: N/A
- G.W.: N/A

### Finished

- Black : RAL 9011
- Beige : RAL 7035

## Constructon Drawing



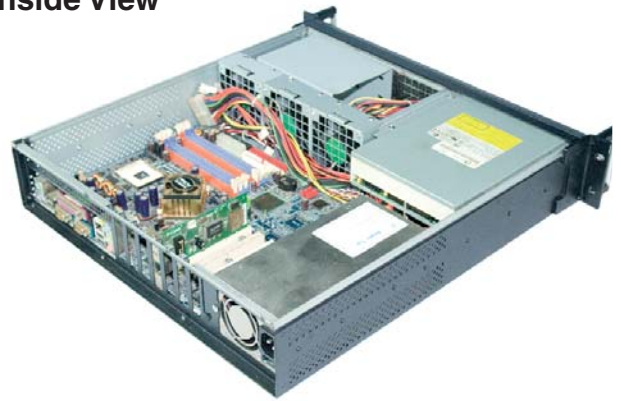
# CLM-52-05AL7

19" Depth Chassis



Excellent Thermal Efficiency & System Security Design

Inside View



## Specifications

### Motherboard Specification

- Max to 12"x10.6" ATX
- Compliant CEB

### Fans Specification

- Front: N/A
- Middle: 3\* Axial(80\*80\*25mm)
- Rear: N/A

### Indicators

- 1xDisk Drive Status LED
- 1xPower LED & 1x Fan Fault LED
- 2xNIC LEDs

### Material

- SECCESAXZ Meet,RoHs, CE,UL

### Front Panel Access

- 2 USB Ports
- 2 Locks

### Application Reference

- Web Server
- E-Mail Server
- Firewall Server
- ISP
- Proxy Server
- DNS Server
- VPN Server
- High-end Workstation

### Chassis Dimension

- MM: (W) 429 x (H) 88 x (D) 484
- INCH : (W) 19" x (H) 3.46" x (D) 19"

### Shipping Dimension

- MM: (W) 546 x (H) 218 x (D) 618
- INCH : (W) 21.5" x (H) 8.58" x (D) 24.33"

### Power Supply Space

- Max 225mm Depth
- Single EPS2 Power Supply

### Front Device Bays

- 1x5.25" CD-ROM & 1x Slim CD-ROM
- 1x Floppy
- 3x3.5" Hard Disks

### Switches

- Power On/Off
- Reset On/Off

### Filter

- Chemical Fibers Washable

### Expansion Slot

- PCI & PCI Express Low Profile Card

### Temperatures

0°C~45°C(Operation)

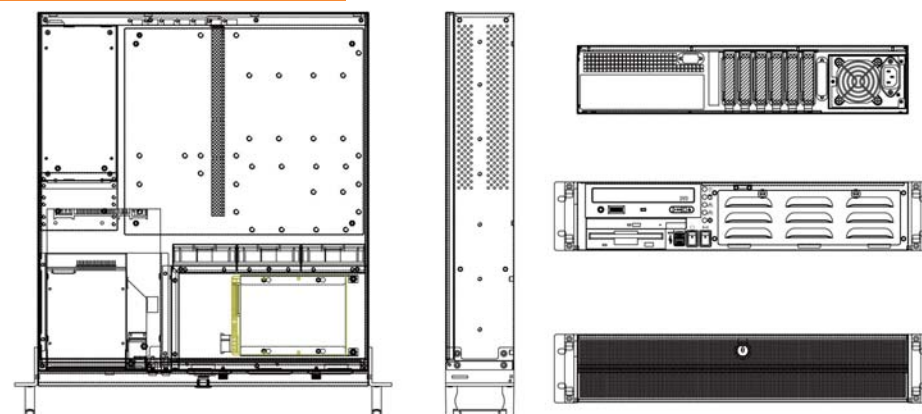
### Weight

- N.W.: N/A
- G.W.: N/A

### Finished

- Black : RAL 9011
- Beige : RAL 7035

## Constructon Drawing



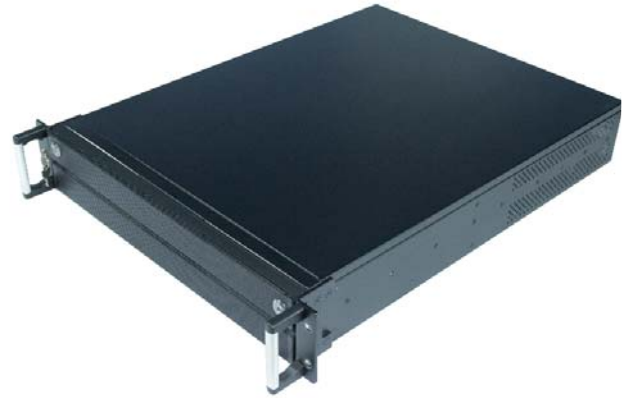


# CLM-52-06MAL4 23" Depth Chassis



Excellent Thermal Efficiency & System Security Design

Close View



## Specifications

### Motherboard Specification

- Max to 9.6"\*9.6" ATX
- Compliant CEB

### Fans Specification

- Front: N/A
- Middle: 4\* Axial(80\*80\*25mm)
- Rear: N/A

### Indicators

- 1xDisk Drive Status LED
- 1xPower LED & 1x Fan Fault LED
- 2xNIC LEDs

### Material

- SECCESAXZ Meet,RoHs, CE,UL

### Front Panel Access

- 2 Locks

### Application Reference

- Web Server
- Firewall Server
- Proxy Server
- VPN Server
- E-Mail Server
- ISP
- DNS Server
- High-end Workstation

### Chassis Dimension

- MM: (W) 429 x (H) 88 x (D) 584
- INCH : (W) 19" x (H) 3.46" x (D) 23"

### Shipping Dimension

- MM: (W) 546 x (H) 218 x (D) 720
- INCH : (W) 21.5" x (H) 8.58" x (D) 28.35"

### Power Supply Space

- Max 210mm Depth
- Single ATX/PS2 Power Supply

### Front Device Bays

- 4 x5.25" CD-ROM
- 1 x Floppy
- 2 x3.5" Hard Disks

### Switches

- Power On/Off
- Reset On/Off

### Filter

- Chemical Fibers Washable

### Expansion Slot

- PCI & PCI Express Low Profile Card

### Temperatures

0°C~45°C(Operation)

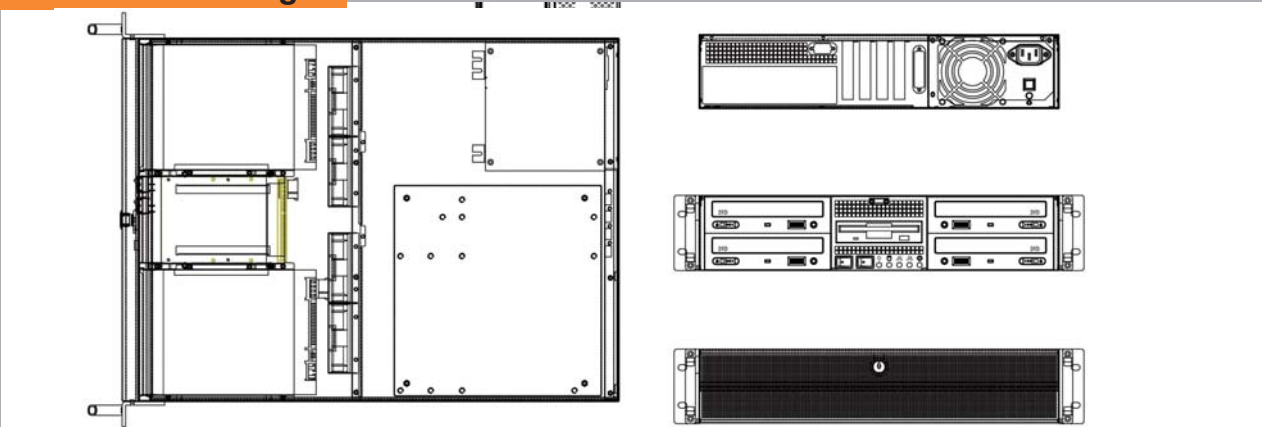
### Weight

- N.W.: N/A
- G.W.: N/A

### Finished

- Black : RAL 9011
- Beige : RAL 7035

## Constructon Drawing



# CLM-52-06AH3

23" Depth Chassis



Excellent Thermal Efficiency & System Security Design

Inside View



## Specifications

### Motherboard Specification

- Max to 12"\*10.6" ATX
- Compliant CEB

### Fans Specification

- Front: N/A
- Middle: 4\* Axial(80\*80\*25mm)
- Rear: N/A

### Indicators

- 1xDisk Drive Status LED
- 1xPower LED & 1x Fan Fault LED
- 2xNIC LEDs

### Material

- SECCESAXZ Meet,RoHs, CE,UL

### Front Panel Access

- 2 Locks

### Application Reference

- Web Server
- Firewall Server
- Proxy Server
- VPN Server
- E-Mail Server
- ISP
- DNS Server
- High-end Workstation

### Chassis Dimension

- MM: (W) 429 x (H) 88 x (D) 584
- INCH : (W) 19" x (H) 3.46" x (D) 23"

### Shipping Dimension

- MM: (W) 546 x (H) 218 x (D) 720
- INCH : (W) 21.5" x (H) 8.58" x (D) 28.35"

### Power Supply Space

- Max 240mm Depth
- Single EPS2U Power Supply

### Front Device Bays

- 4x5.25" CD-ROM
- 1x Floppy
- 2x3.5" Hard Disks

### Switches

- Power On/Off
- Reset On/Off

### Filter

- N/A

### Expansion Slot

- PCI & PCI Express Low Profile Card

### Temperatures

0°C~45°C(Operation)

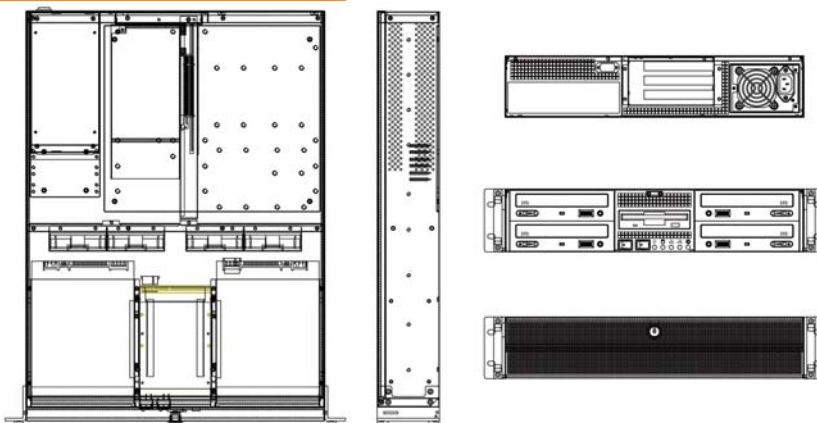
### Weight

- N.W.: N/A
- G.W.: N/A

### Finished

- Black : RAL 9011
- Beige : RAL 7035

## Constructon Drawing



# CLM-52-06AL7

23" Depth Chassis



Excellent Thermal Efficiency & System Security Design

Inside View



## Specifications

### Motherboard Specification

- Max to 12"\*10.6" ATX
- Compliant CEB

### Fans Specification

- Front: N/A
- Middle: 4\* Axial(80\*80\*25mm)
- Rear: N/A

### Indicators

- 1xDisk Drive Status LED
- 1xPower LED & 1x Fan Fault LED
- 2xNIC LEDs

### Material

- SECCESAXZ Meet,RoHs, CE,UL

### Front Panel Access

- 2 Locks

### Application Reference

- Web Server
- Firewall Server
- Proxy Server
- VPN Server
- E-Mail Server
- ISP
- DNS Server
- High-end Workstation

### Chassis Dimension

- MM: (W) 429 x (H) 88 x (D) 584
- INCH : (W) 19" x (H) 3.46" x (D) 23"

### Shipping Dimension

- MM: (W) 546 x (H) 218 x (D) 720
- INCH : (W) 21.5" x (H) 8.58" x (D) 28.35"

### Power Supply Space

- Max 240mm Depth
- Single EPS2U Power Supply

### Front Device Bays

- 4x5.25" CD-ROM
- 1x Floppy
- 2x3.5" Hard Disks

### Switches

- Power On/Off
- Reset On/Off

### Filter

- Chemical Fibers Washable

### Expansion Slot

- PCI & PCI Express Low Profile Card

### Temperatures

0°C~45°C(Operation)

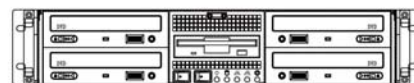
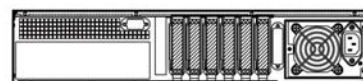
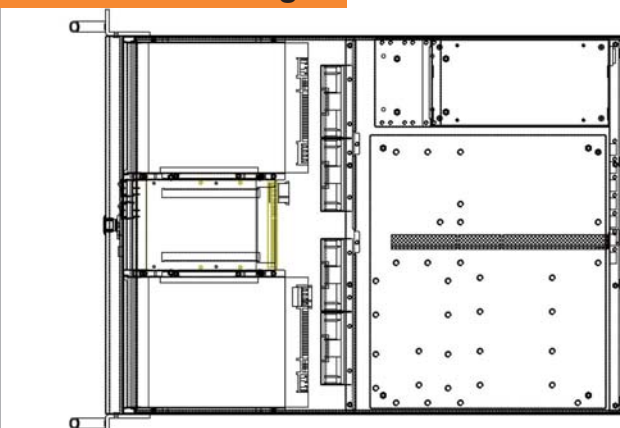
### Weight

- N.W.: N/A
- G.W.: N/A

### Finished

- Black : RAL 9011
- Beige : RAL 7035

## Constructon Drawing



# CLM-52-07AH3

## 26" Depth Chassis



Excellent Thermal Efficiency & System Security Design

### Inside View



### Specifications

#### Motherboard Specification

- Max to 12"\*13" E-ATX
- Compliant EEB 3.61

#### Fans Specification

- Front: N/A
- Middle: 4\* Axial(80\*80\*25mm)
- Rear: N/A

#### Indicators

- 1xDisk Drive Status LED
- 1xPower LED & 1x Fan Fault LED
- 2xNIC LEDs

#### Material

- SECCESAXZ Meet,RoHs, CE,UL

#### Front Panel Access

- 2 Locks

#### Application Reference

- Web Server
- E-Mail Server
- Firewall Server
- ISP
- Proxy Server
- DNS Server
- VPN Server
- High-end Workstation

#### Chassis Dimension

- MM: (W) 429 x (H) 88 x (D) 660
- INCH : (W) 19" x (H) 3.46" x (D) 26"

#### Shipping Dimension

- MM: (W) 546 x (H) 218 x (D) 797
- INCH : (W) 21.5" x (H) 8.58" x (D) 31.37

#### Power Supply Space

- Single EPS2U Power Supply
- Redundant Power Supply

#### Front Device Bays

- 4x5.25" CD-ROM
- 1x Floppy
- 2x3.5" Hard Disks

#### Switches

- Power On/Off
- Reset On/Off

#### Filter

- N/A

#### Expansion Slot

- Full Size PCI Riser Card

#### Temperatures

0°C~45°C(Operation)

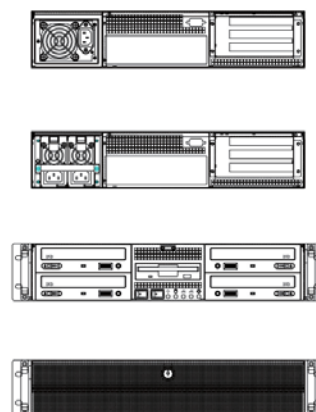
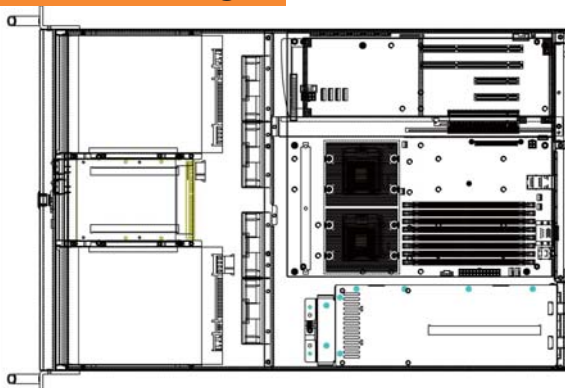
#### Weight

- N.W.: N/A
- G.W.: N/A

#### Finished

- Black : RAL 9011
- Beige : RAL 7035

### Constructon Drawing



# CLM-52-07AL7

## 26" Depth Chassis



Excellent Thermal Efficiency & System Security Design

### Inside View



## Specifications

### Motherboard Specification

- Max to 12"\*13" E-ATX
- Compliant EEB 3.61

### Fans Specification

- Front: N/A
- Middle: 4\* Axial(80\*80\*25mm)
- Rear: N/A

### Indicators

- 1xDisk Drive Status LED
- 1xPower LED & 1x Fan Fault LED
- 2xNIC LEDs

### Material

- SECCESAXZ Meet,RoHs, CE,UL

### Front Panel Access

- 2 Locks

### Application Reference

- Web Server
- Firewall Server
- Proxy Server
- VPN Server
- E-Mail Server
- ISP
- DNS Server
- High-end Workstation

### Chassis Dimension

- MM: (W) 429 x (H) 88 x (D) 660
- INCH : (W) 19" x (H) 3.46" x (D) 26"

### Shipping Dimension

- MM: (W) 546 x (H) 218 x (D) 797
- INCH : (W) 21.5" x (H) 8.58" x (D) 31.37"

### Power Supply Space

- Max 240mm Depth
- Single EPS2U Power Supply

### Front Device Bays

- 4x5.25" CD-ROM
- 1x Floppy
- 2x3.5" Hard Disks

### Switches

- Power On/Off
- Reset On/Off

### Filter

- Chemical Fibers Washable

### Expansion Slot

- PCI & PCI Express Low Profile Card

### Temperatures

0°C~45°C(Operation)

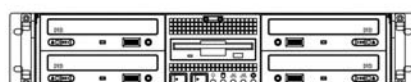
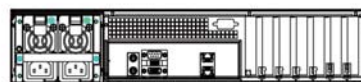
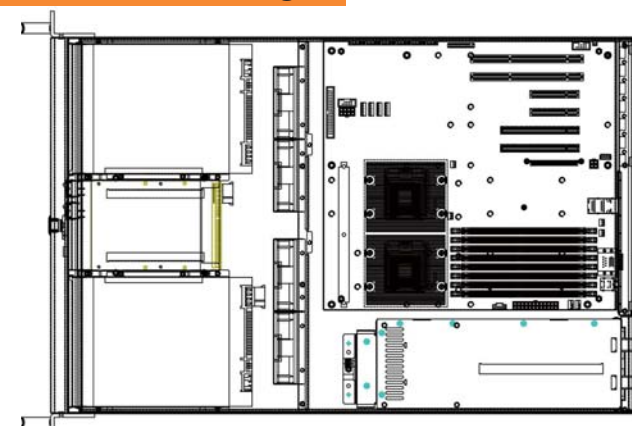
### Weight

- N.W.: N/A
- G.W.: N/A

### Finished

- Black : RAL 9011
- Beige : RAL 7035

## Constructon Drawing



# CLM-52-08MAL4 17" Depth Chassis



Excellent Thermal Efficiency & System Security Design

Inside View



## Specifications

### Motherboard Specification

- Max to 9.6"\*9.6" ATX
- Compliant Micro-ATX

### Fans Specification

- Front: N/A
- Middle: N/A
- Rear: 3\* Axial(80\*80\*25mm)

### Indicators

- 1xDisk Drive Status LED
- 1xPower LED & 1x Fan Fault LED
- 2xNIC LEDs

### Material

- SECCESAXZ Meet,RoHs, CE,UL

### Front Panel Access

- I/O Panel

### Application Reference

- Web Server
- Firewall Server
- Proxy Server
- VPN Server
- E-Mail Server
- ISP
- DNS Server
- High-end Workstation

### Chassis Dimension

- MM: (W) 429 x (H) 88 x (D) 434
- INCH : (W) 19" x (H) 3.46" x (D) 17.09"

### Shipping Dimension

- MM: (W) 546 x (H) 218 x (D) 569
- INCH : (W) 21.5" x (H) 8.58" x (D) 22.4"

### Power Supply Space

- Max 140mm Depth
- Single ATX/PS2 Power Supply

### Front Device Bays

- 1x5.25" CD-ROM & 1x Slim CD-ROM
- 1x Floppy
- 3x3.5" Hard Disks

### Switches

- Power On/Off
- Reset On/Off

### Filter

- N/A

### Expansion Slot

- PCI & PCI Express Low Profile Card

### Temperatures

0°C~45°C(Operation)

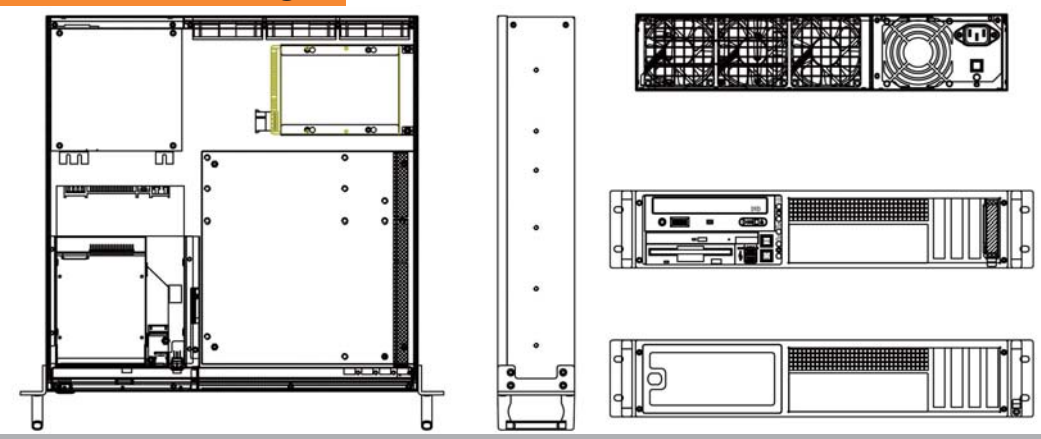
### Weight

- N.W.: N/A
- G.W.: N/A

### Finished

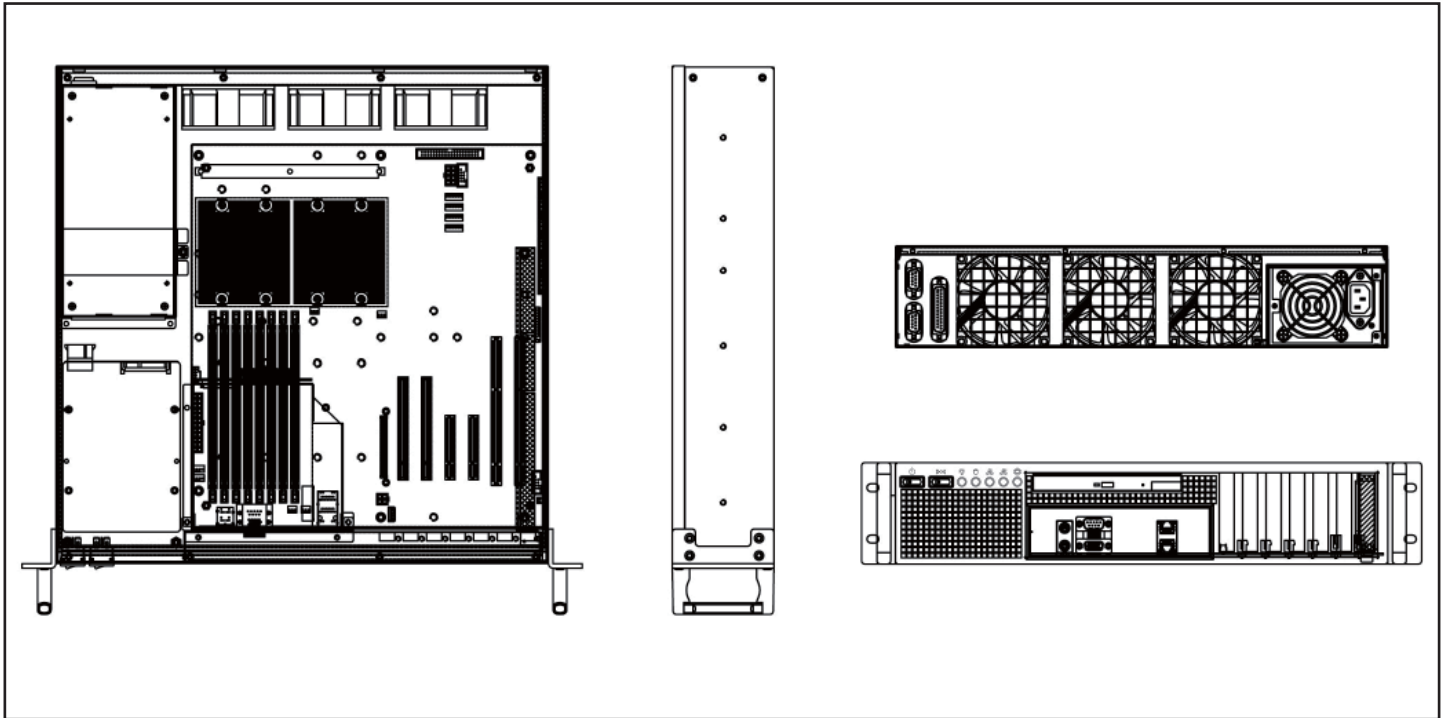
- Black : RAL 9011
- Beige : RAL 7035

## Constructon Drawing



# CLM-52-08AL7

17" Depth Chassis



## Specifications

### Motherboard Specification

- Max to 12"\*13" E-ATX
- Compliant EEB 3.61

### Fans Specification

- Front: N/A
- Middle: N/A
- Rear: 3\* Axial(80\*80\*25mm)

### Indicators

- 1xDisk Drive Status LED
- 1xPower LED & 1x Fan Fault LED
- 2xNIC LEDs

### Material

- SECCESAXZ Meet,RoHs, CE,UL

### Front Panel Access

- I/O Panel

### Application Reference

- Web Server
- Firewall Server
- Proxy Server
- VPN Server
- E-Mail Server
- ISP
- DNS Server
- High-end Workstation

### Chassis Dimension

- MM: (W) 429 x (H) 88 x (D) 434
- INCH : (W) 19" x (H) 3.46" x (D) 17.09"

### Shipping Dimension

- MM: (W) 546 x (H) 218 x (D) 569
- INCH : (W) 21.5" x (H) 8.58" x (D) 22.4"

### Power Supply Space

- Max 200mm Depth
- Single EPS2U Power Supply

### Front Device Bays

- 1x Slim CD-ROM
- 3x3.5" Hard Disks

### Switches

- Power On/Off
- Reset On/Off

### Filter

- N/A

### Expansion Slot

- PCI & PCI Express Low Profile Card

### Temperatures

0°C~45°C(Operation)

### Weight

- N.W.: N/A
- G.W.: N/A

### Finished

- Black : RAL 9011
- Beige : RAL 7035

# CLM-52-09AH3

## 23" Depth Chassis



Excellent Thermal Efficiency & System Security Design

### Inside View



### Specifications

#### Motherboard Specification

- Max to 12"\*10.6" ATX
- Compliant CEB

#### Fans Specification

- Front: N/A
- Middle: 3\* Axial(80\*80\*25mm)
- Rear: 1\* Axial(80\*80\*25mm)

#### Indicators

- 1xDisk Drive Status LED
- 1xPower LED & 1x Fan Fault LED
- 2xNIC LEDs

#### Material

- SECCESAXZ Meet,RoHs, CE,UL

#### Front Panel Access

- 2 Locks

#### Application Reference

- Web Server
- E-Mail Server
- Firewall Server
- ISP
- Proxy Server
- DNS Server
- VPN Server
- High-end Workstation

#### Chassis Dimension

- MM: (W) 429 x (H) 88 x (D) 584
- INCH : (W) 19" x (H) 3.46" x (D) 23"

#### Shipping Dimension

- MM: (W) 546 x (H) 218 x (D) 720
- INCH : (W) 21.5" x (H) 8.58" x (D) 28.35

#### Power Supply Space

- Max 160mm Depth
- Single ATX/PS2 Power Supply

#### Front Device Bays

- 2x5.25" CD-ROM
- 1x Floppy
- 5x3.5" Hard Disks

#### Switches

- Power On/Off
- Reset On/Off

#### Filter

- N/A

#### Expansion Slot

- PCI/PCI-Express Riser Card (Max 260mm)

#### Temperatures

0°C~45°C(Operation)

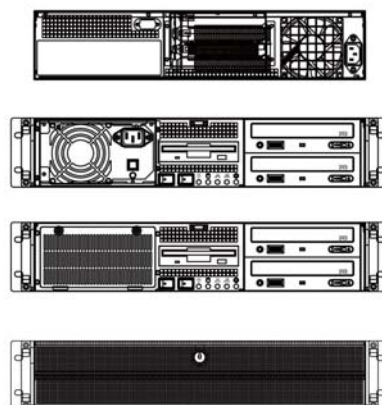
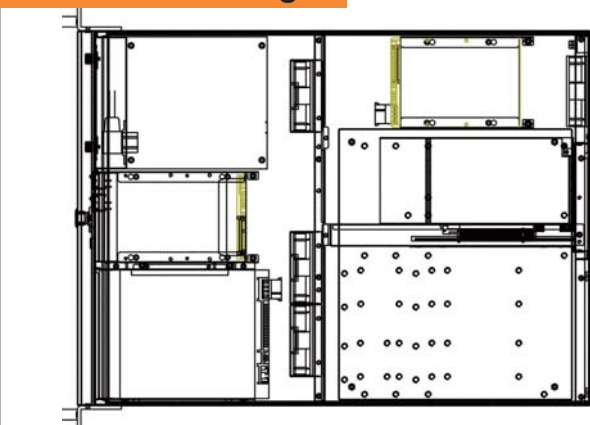
#### Weight

- N.W.: N/A
- G.W.: N/A

#### Finished

- Black : RAL 9011
- Beige : RAL 7035

### Constructon Drawing





# CLM-52-09AL7

23" Depth Chassis



Excellent Thermal Efficiency & System Security Design

## Inside View



## Specifications

### Motherboard Specification

- Max to 12"\*10.6" ATX
- Compliant CEB

### Fans Specification

- Front: N/A
- Middle: 3\* Axial(80\*80\*25mm)
- Rear: 1\* Axial(80\*80\*25mm)

### Indicators

- 1xDisk Drive Status LED
- 1xPower LED & 1x Fan Fault LED
- 2xNIC LEDs

### Material

- SECCESAXZ Meet,RoHs, CE,UL

### Front Panel Access

- 2 Locks

### Application Reference

- Web Server
- E-Mail Server
- Firewall Server
- ISP
- Proxy Server
- DNS Server
- VPN Server
- High-end Workstation

### Chassis Dimension

- MM: (W) 429 x (H) 88 x (D) 584
- INCH : (W) 19" x (H) 3.46" x (D) 23"

### Shipping Dimension

- MM: (W) 546 x (H) 218 x (D) 720
- INCH : (W) 21.5" x (H) 8.58" x (D) 28.35

### Power Supply Space

- Max 160mm Depth
- Single ATX/PS2 Power Supply

### Front Device Bays

- 2x5.25" CD-ROM
- 1x Floppy
- 5x3.5" Hard Disks

### Switches

- Power On/Off
- Reset On/Off

### Filter

N/A

### Expansion Slot

- PCI & PCI Express Low Profile Card

### Temperatures

0°C~45°C(Operation)

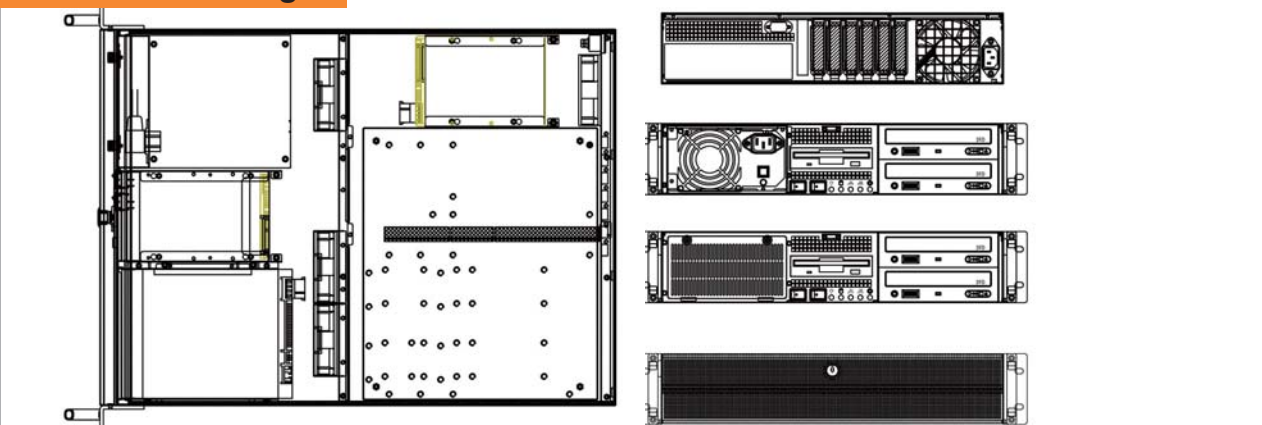
### Weight

- N.W.: N/A
- G.W.: N/A

### Finished

- Black : RAL 9011
- Beige : RAL 7035

## Constructon Drawing



# CLM-52-10AH3

26" Depth Chassis



Excellent Thermal Efficiency & System Security Design

## Inside View



## Specifications

### Motherboard Specification

- Max to 12"\*13" E-ATX
- Compliant EEB 3.61

### Fans Specification

- Front: N/A
- Middle: 3\* Axial(80\*80\*25mm)
- Rear: 1\* Axial(80\*80\*25mm)

### Indicators

- 1xDisk Drive Status LED
- 1xPower LED & 1x Fan Fault LED
- 2xNIC LEDs

### Material

- SECCESAXZ Meet,RoHs, CE,UL

### Front Panel Access

- 2 Locks

### Application Reference

- Web Server
- E-Mail Server
- Firewall Server
- ISP
- Proxy Server
- DNS Server
- VPN Server
- High-end Workstation

### Chassis Dimension

- MM: (W) 429 x (H) 88 x (D) 660
- INCH : (W) 19" x (H) 3.46" x (D) 26"

### Shipping Dimension

- MM: (W) 546 x (H) 218 x (D) 797
- INCH : (W) 21.5" x (H) 8.58" x (D) 31.37"

### Power Supply Space

- Max 160mm Depth
- Single ATX/PS2 Power Supply

### Front Device Bays

- 2x5.25" CD-ROM
- 1x Floppy
- 5x3.5" Hard Disks

### Switches

- Power On/Off
- Reset On/Off

### Filter

- N/A

### Expansion Slot

- Full Size PCI/PCI-Express Riser Card

### Temperatures

0°C~45°C(Operation)

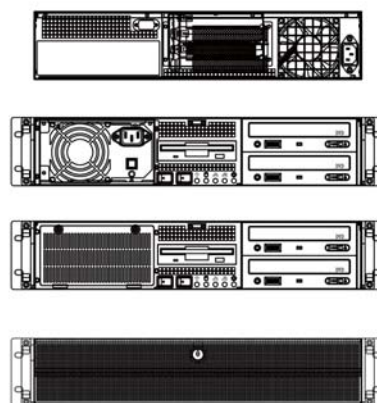
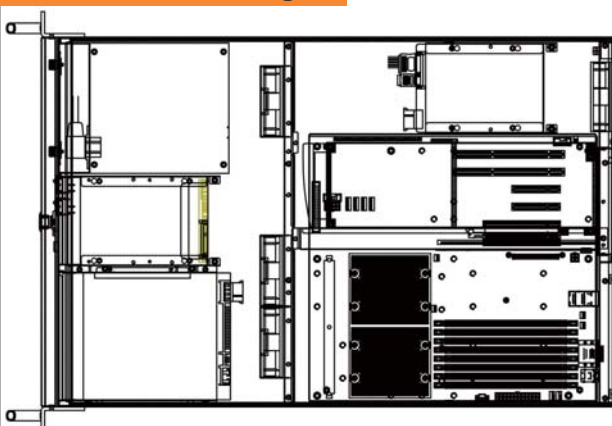
### Weight

- N.W.: N/A
- G.W.: N/A

### Finished

- Black : RAL 9011
- Beige : RAL 7035

## Constructon Drawing



# CLM-52-10AL7

26 " Depth Chassis



Excellent Thermal Efficiency & System Security Design

## Inside View



## Specifications

### Motherboard Specification

- Max to 12"\*13" E-ATX
- Compliant EEB 3.61

### Fans Specification

- Front: N/A
- Middle: 3\* Axial(80\*80\*25mm)
- Rear: 1\* Axial(80\*80\*25mm)

### Indicators

- 1xDisk Drive Status LED
- 1xPower LED & 1x Fan Fault LED
- 2xNIC LEDs

### Material

- SECCESAXZ Meet,RoHs, CE,UL

### Front Panel Access

- 2 Locks

### Application Reference

- Web Server
- Firewall Server
- Proxy Server
- VPN Server
- E-Mail Server
- ISP
- DNS Server
- High-end Workstation

### Chassis Dimension

- MM: (W) 429 x (H) 88 x (D) 660
- INCH : (W) 19" x (H) 3.46" x (D) 26"

### Shipping Dimension

- MM: (W) 546 x (H) 218 x (D) 797
- INCH : (W) 21.5" x (H) 8.58" x (D) 31.37"

### Power Supply Space

- Max 160mm Depth
- Single ATX/PS2 Power Supply

### Front Device Bays

- 2x5.25" CD-ROM
- 1x Floppy
- 5x3.5" Hard Disks

### Switches

- Power On/Off
- Reset On/Off

### Filter

N/A

### Expansion Slot

- PCI & PCI Express Low Profile Card

### Temperatures

0°C~45°C(Operation)

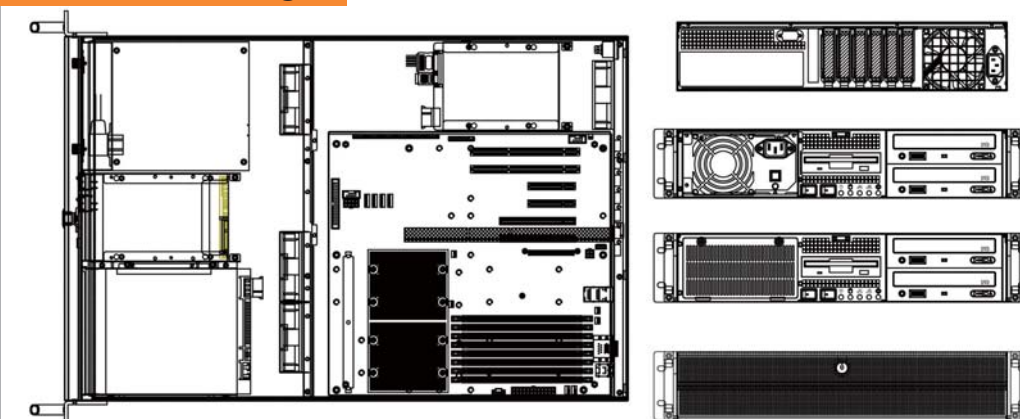
### Weight

- N.W.: N/A
- G.W.: N/A

### Finished

- Black : RAL 9011
- Beige : RAL 7035

## Constructon Drawing



# CLM-52-11AH3

14.5" Depth Chassis



Excellent Thermal Efficiency & System Security Design

Inside View



## Specifications

### Motherboard Specification

- Max to 12"\*9.6" ATX
- Compliant ATX

### Fans Specification

- Front: 3\* Axial(70\*70\*15mm)
- Middle: N/A
- Rear: N/A

### Indicators

- 1xDisk Drive Status LED
- 1xPower LED & 1x Fan Fault LED
- 2xNIC LEDs

### Material

- SECCESAXZ Meet,RoHs, CE,UL

### Front Panel Access

- 2 Locks
- 2 USB Ports

### Application Reference

- Web Server
- E-Mail Server
- Firewall Server
- ISP
- Proxy Server
- DNS Server
- VPN Server
- High-end Workstation

### Chassis Dimension

- MM: (W) 429 x (H) 88 x (D) 368
- INCH : (W) 19" x (H) 3.46" x (D) 14.5"

### Shipping Dimension

- MM: (W) 546 x (H) 218 x (D) 504
- INCH : (W) 21.5" x (H) 8.58" x (D) 19.84

### Power Supply Space

- Max 205mm Depth
- Single PS1U Power Supply

### Front Device Bays

- 1x5.25" CD-ROM
- 1x 3.5 Hard Disk(under CD-ROM)
- 2x3.5" Hard Disks

### Switches

- Power On/Off
- Reset On/Off

### Filter

- Chemical Fibers Washable

### Expansion Slot

- PCI/PCI-Express Riser Card
- Max Depth 167mm

### Temperatures

0°C~45°C(Operation)

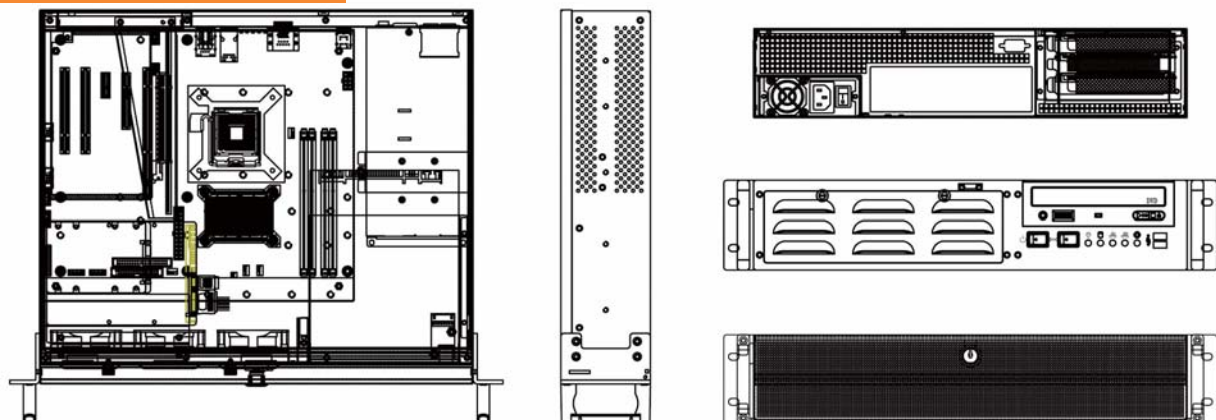
### Weight

- N.W.: N/A
- G.W.: N/A

### Finished

- Black : RAL 9011
- Beige : RAL 7035

## Constructon Drawing



# CLM-52-11AL7

14.5" Depth Chassis



Excellent Thermal Efficiency & System Security Design

Inside View



## Specifications

### Motherboard Specification

- Max to 12"\*9.6" ATX
- Compliant ATX

### Fans Specification

- Front: 3\* Axial(70\*70\*15mm)
- Middle: N/A
- Rear: N/A

### Indicators

- 1xDisk Drive Status LED
- 1xPower LED & 1x Fan Fault LED
- 2xNIC LEDs

### Material

- SECCESAXZ Meet,RoHs, CE,UL

### Front Panel Access

- 2 Locks

### Application Reference

- Web Server
- Firewall Server
- Proxy Server
- VPN Server
- E-Mail Server
- ISP
- DNS Server
- High-end Workstation

### Chassis Dimension

- MM: (W) 429 x (H) 88 x (D) 368
- INCH : (W) 19" x (H) 3.46" x (D) 14.5"

### Shipping Dimension

- MM: (W) 546 x (H) 218 x (D) 504
- INCH : (W) 21.5" x (H) 8.58" x (D) 19.84

### Power Supply Space

- Max 205mm Depth
- Single PS1U Power Supply

### Front Device Bays

- 1x5.25" CD-ROM
- 1x 3.5 Hard Disk(under CD-ROM)
- 2x3.5" Hard Disks

### Switches

- Power On/Off
- Reset On/Off

### Filter

- Chemical Fibers Washable

### Expansion Slot

- PCI & PCI Express Low Profile Card

### Temperatures

0°C~45°C(Operation)

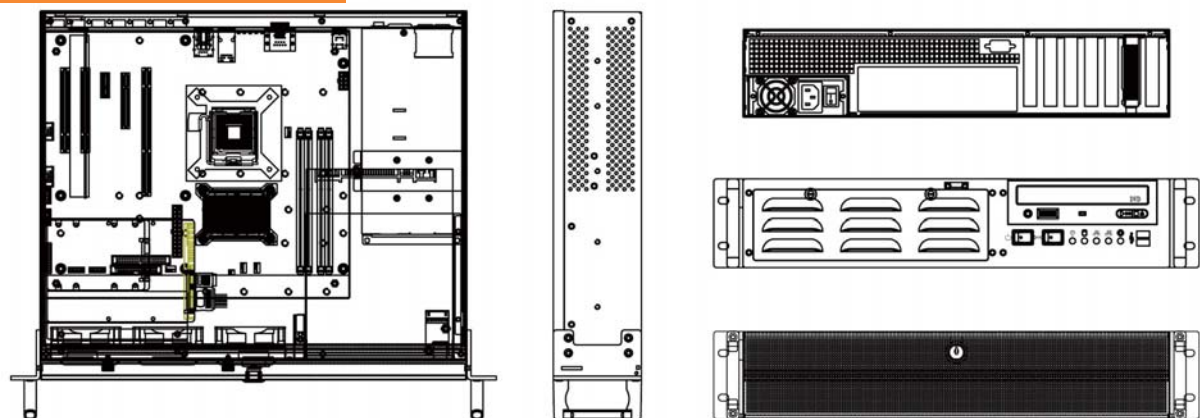
### Weight

- N.W.: N/A
- G.W.: N/A

### Finished

- Black : RAL 9011
- Beige : RAL 7035

## Constructon Drawing



# CLM-52-11MAL4

14.5" Depth Chassis



Excellent Thermal Efficiency & System Security Design

Close View



## Specifications

### Motherboard Specification

- Max to 9.6"\*9.6" ATX
- Compliant Micro-ATX

### Fans Specification

- Front: 3\* Axial(70\*70\*15mm)
- Middle: N/A
- Rear: N/A

### Indicators

- 1xDisk Drive Status LED
- 1xPower LED & 1x Fan Fault LED
- 2xNIC LEDs

### Material

- SECCESAXZ Meet,RoHs, CE,UL

### Front Panel Access

- 2 Locks
- 2 USB Ports

### Application Reference

- Web Server
- Firewall Server
- Proxy Server
- VPN Server
- E-Mail Server
- ISP
- DNS Server
- High-end Workstation

### Chassis Dimension

- MM: (W) 429 x (H) 88 x (D) 368
- INCH : (W) 19" x (H) 3.46" x (D) 14.5"

### Shipping Dimension

- MM: (W) 546 x (H) 218 x (D) 504
- INCH : (W) 21.5" x (H) 8.58" x (D) 19.84

### Power Supply Space

- Max 140mm Depth
- Single ATX/PS2 Power Supply

### Front Device Bays

- 1x5.25" CD-ROM
- 3x3.5" Hard Disks

### Switches

- Power On/Off
- Reset On/Off

### Filter

- Chemical Fibers Washable

### Expansion Slot

- PCI & PCI Express Low Profile Card

### Temperatures

0°C~45°C(Operation)

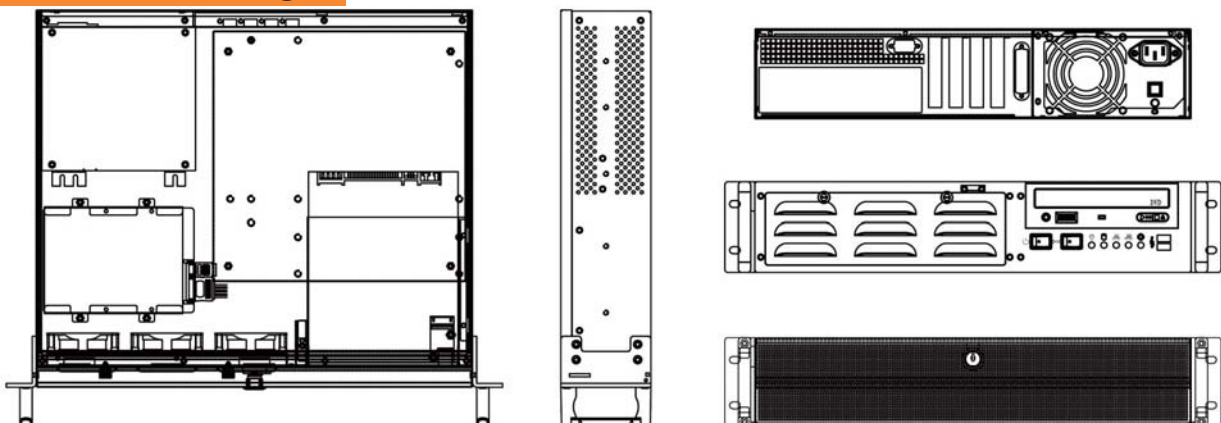
### Weight

- N.W.: N/A
- G.W.: N/A

### Finished

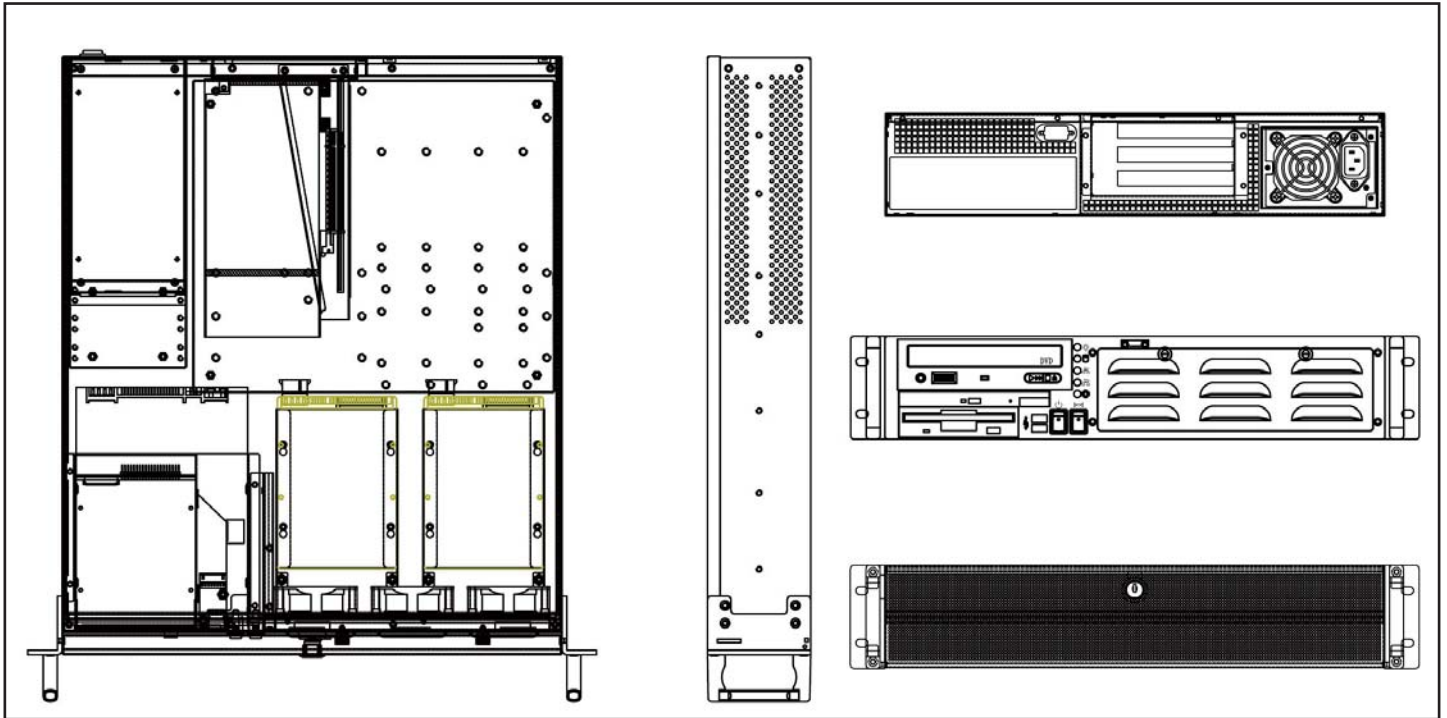
- Black : RAL 9011
- Beige : RAL 7035

## Constructon Drawing



# CLM-52-12AH3

20" Depth Chassis



## Specifications

### Motherboard Specification

- Max to 12"\*9.6" ATX
- Compliant ATX

### Fans Specification

- Front: 3\* Axial(70\*70\*25mm)
- Middle: N/A
- Rear: N/A

### Indicators

- 1xDisk Drive Status LED
- 1xPower LED & 1x Fan Fault LED
- 2xNIC LEDs

### Material

- SECCESAXZ Meet,RoHs, CE,UL

### Front Panel Access

- 2 Locks
- 2 USB Ports

### Application Reference

- Web Server
- Firewall Server
- Proxy Server
- VPN Server
- E-Mail Server
- ISP
- DNS Server
- High-end Workstation

### Chassis Dimension

- MM: (W) 429 x (H) 88 x (D) 510
- INCH : (W) 19" x (H) 3.46" x (D) 20"

### Shipping Dimension

- MM: (W) 546 x (H) 218 x (D) 646
- INCH : (W) 21.5" x (H) 8.58" x (D) 25.43"

### Power Supply Space

- Max 240mm Depth
- Single ATX/PS2U Power Supply

### Front Device Bays

- 1x5.25" CD-ROM & 1x Slim CD-ROM
- 1x Floppy
- 6x3.5" Hard Disks

### Switches

- Power On/Off
- Reset On/Off

### Filter

- Chemical Fibers Washable

### Expansion Slot

- PCI/PCI-Express Riser Card
- Max Depth 245mm

### Temperatures

0°C~45°C(Operation)

### Weight

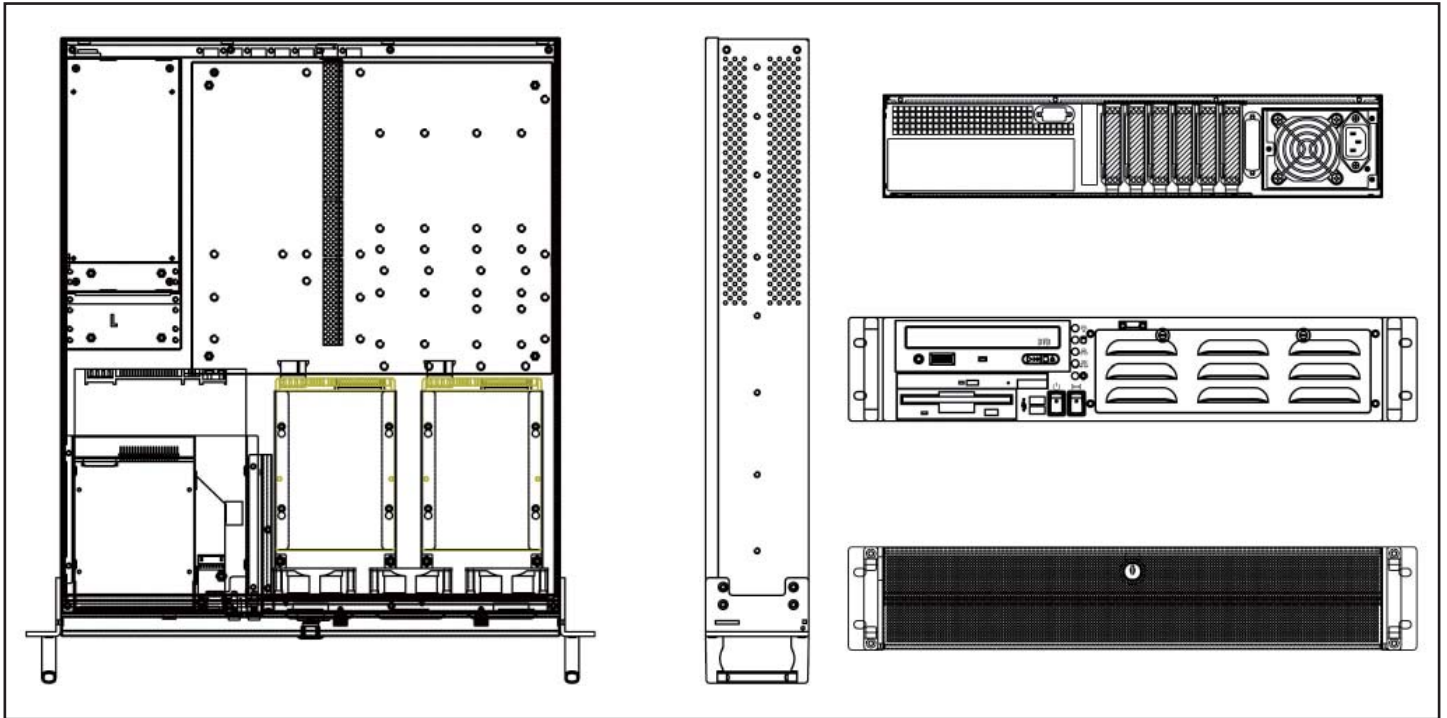
- N.W.: N/A
- G.W.: N/A

### Finished

- Black : RAL 9011
- Beige : RAL 7035

# CLM-52-12AL7

20" Depth Chassis



## Specifications

### Motherboard Specification

- Max to 12"\*9.6" ATX
- Compliant ATX

### Fans Specification

- Front: 3\* Axial(70\*70\*25mm)
- Middle: N/A
- Rear: N/A

### Indicators

- 1xDisk Drive Status LED
- 1xPower LED & 1x Fan Fault LED
- 2xNIC LEDs

### Material

- SECCESAXZ Meet,RoHs, CE,UL

### Front Panel Access

- 2 Locks
- 2 USB Ports

### Application Reference

- Web Server
- Firewall Server
- Proxy Server
- VPN Server
- E-Mail Server
- ISP
- DNS Server
- High-end Workstation

### Chassis Dimension

- MM: (W) 429 x (H) 88 x (D) 510
- INCH : (W) 19" x (H) 3.46" x (D) 20"

### Shipping Dimension

- MM: (W) 546 x (H) 218 x (D) 646
- INCH : (W) 21.5" x (H) 8.58" x (D) 25.43"

### Power Supply Space

- Max 240mm Depth
- Single EPS2U Power Supply

### Front Device Bays

- 1x5.25" CD-ROM & 1x Slim CD-ROM
- 1x Floppy
- 6x3.5" Hard Disks

### Switches

- Power On/Off
- Reset On/Off

### Filter

- Chemical Fibers Washable

### Expansion Slot

- PCI & PCI Express Low Profile Card

### Temperatures

0°C~45°C(Operation)

### Weight

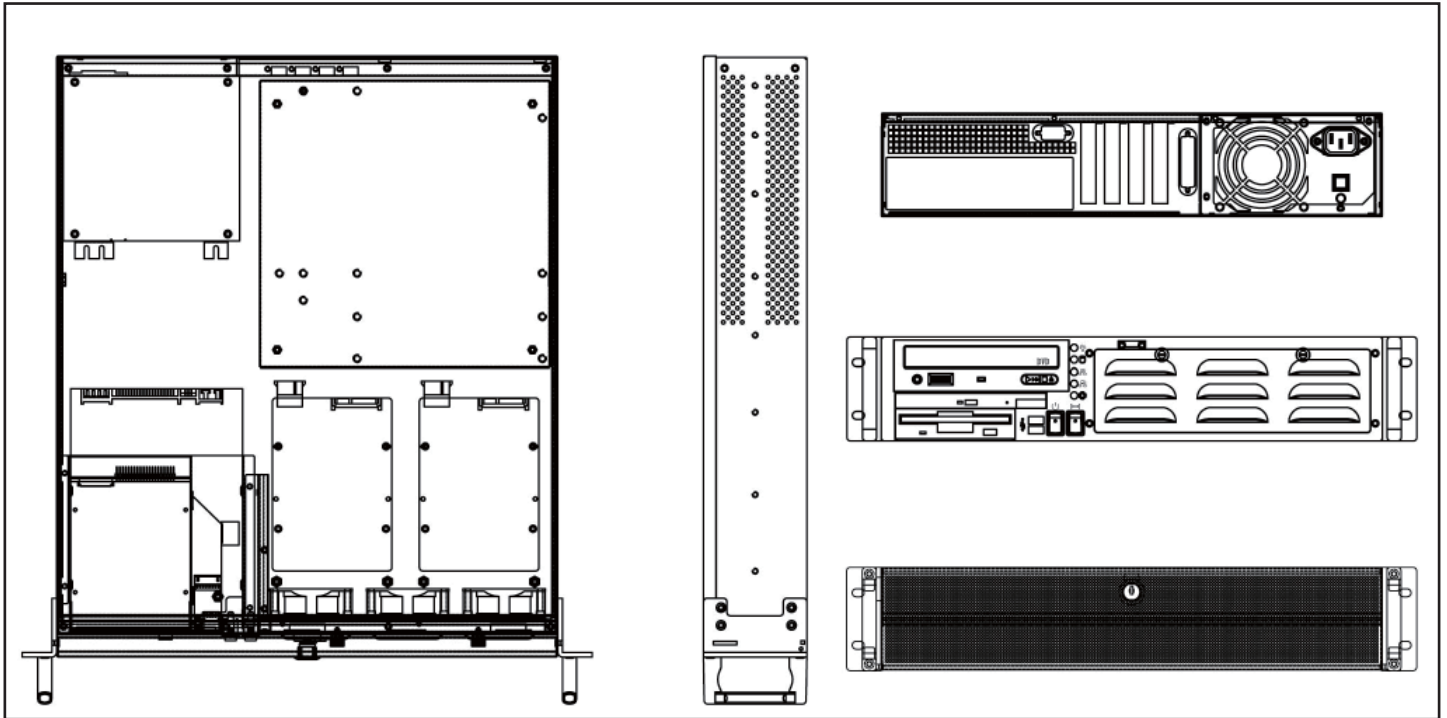
- N.W.: N/A
- G.W.: N/A

### Finished

- Black : RAL 9011
- Beige : RAL 7035



# CLM52-12MAL4 20" Depth Chassis



## Specifications

### Motherboard Specification

- Max to 9.6"×9.6" ATX
- Compliant Micro-ATX

### Fans Specification

- Front: 3\* Axial(70\*70\*25mm)
- Middle: N/A
- Rear: N/A

### Indicators

- 1xDisk Drive Status LED
- 1xPower LED & 1x Fan Fault LED
- 2xNIC LEDs

### Material

- SECCESAXZ Meet,RoHs, CE,UL

### Front Panel Access

- 2 Locks
- 2 USB Ports

### Application Reference

- Web Server
- Firewall Server
- Proxy Server
- VPN Server
- E-Mail Server
- ISP
- DNS Server
- High-end Workstation

### Chassis Dimension

- MM: (W) 429 x (H) 88 x (D) 510
- INCH : (W) 19" x (H) 3.46" x (D) 20"

### Shipping Dimension

- MM: (W) 546 x (H) 218 x (D) 646
- INCH : (W) 21.5" x (H) 8.58" x (D) 25.43"

### Power Supply Space

- Max 205mm Depth
- Single EPS2U Power Supply

### Front Device Bays

- 1x5.25" CD-ROM & 1x Slim CD-ROM
- 1x Floppy
- 6x3.5" Hard Disks

### Switches

- Power On/Off
- Reset On/Off

### Filter

- Chemical Fibers Washable

### Expansion Slot

- PCI & PCI Express Low Profile Card

### Temperatures

0°C~45°C(Operation)

### Weight

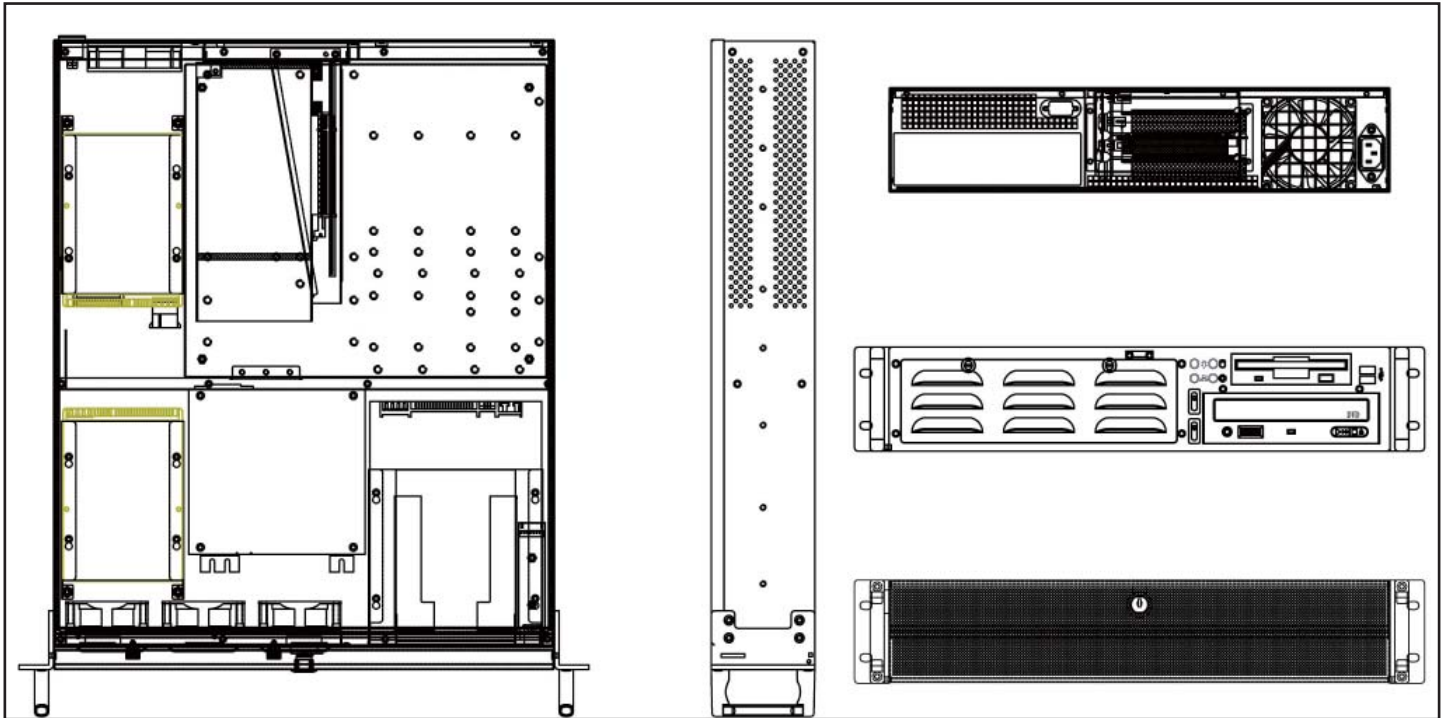
- N.W.: N/A
- G.W.: N/A

### Finished

- Black : RAL 9011
- Beige : RAL 7035

# CLM-52-13AH3

21" Depth Chassis



## Specifications

### Motherboard Specification

- Max to 12"×9.6" ATX
- Compliant ATX

### Fans Specification

- Front: 3\* Axial(70\*70\*25mm)
- Middle: N/A
- Rear: 1\* Axial(70\*70\*25mm)

### Indicators

- 1xDisk Drive Status LED
- 1xPower LED & 1x Fan Fault LED
- 1xNIC LEDs

### Material

- SECCESAXZ Meet,RoHs, CE,UL

### Front Panel Access

- 2 Locks
- 2 USB Ports

### Application Reference

- Web Server
- Firewall Server
- Proxy Server
- VPN Server
- E-Mail Server
- ISP
- DNS Server
- High-end Workstation

### Chassis Dimension

- MM: (W) 429 x (H) 88 x (D) 535
- INCH : (W) 19" x (H) 3.46" x (D) 21.06"

### Shipping Dimension

- MM: (W) 546 x (H) 218 x (D) 670
- INCH : (W) 21.5" x (H) 8.58" x (D) 26.3

### Power Supply Space

- Max 140mm Depth
- Single ATX/PS2 Power Supply

### Front Device Bays

- 1x5.25" CD-ROM
- 1x Floppy
- 6x3.5" Hard Disks

### Switches

- Power On/Off
- Reset On/Off

### Filter

- Chemical Fibers Washable

### Expansion Slot

- PCI/PCI-Express Riser Card
- Max Depth 245mm

### Temperatures

0°C~45°C(Operation)

### Weight

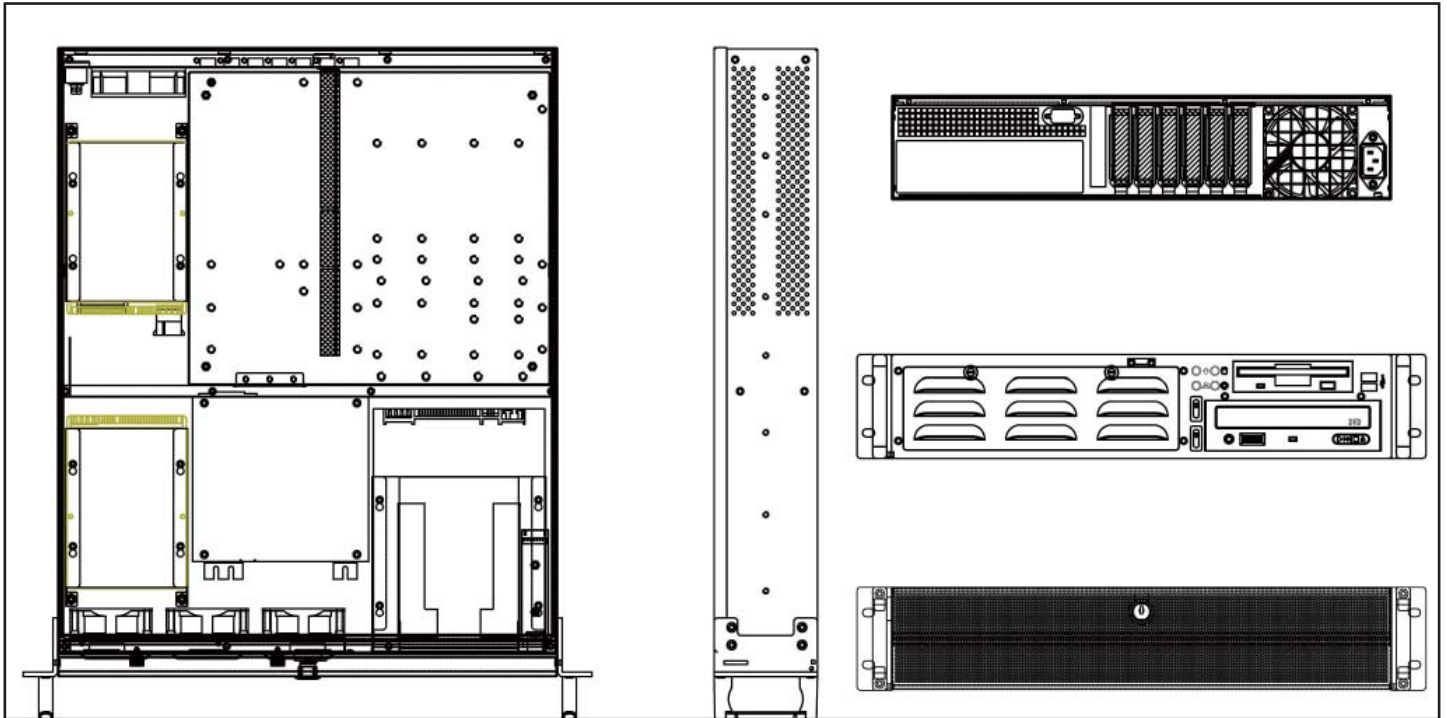
- N.W.: N/A
- G.W.: N/A

### Finished

- Black : RAL 9011
- Beige : RAL 7035

# CLM52-13AL7

21" Depth Chassis



## Specifications

### Motherboard Specification

- Max to 12"×9.6" ATX
- Compliant ATX

### Fans Specification

- Front: 3\* Axial(70\*70\*25mm)
- Middle: N/A
- Rear: N/A

### Indicators

- 1xDisk Drive Status LED
- 1xPower LED & 1x Fan Fault LED
- 1xNIC LEDs

### Material

- SECCESAXZ Meet,RoHs, CE,UL

### Front Panel Access

- 2 Locks
- 2 USB Ports

### Application Reference

- Web Server
- Firewall Server
- Proxy Server
- VPN Server
- E-Mail Server
- ISP
- DNS Server
- High-end Workstation

### Chassis Dimension

- MM: (W) 429 x (H) 88 x (D) 535
- INCH : (W) 19" x (H) 3.46" x (D) 21.06"

### Shipping Dimension

- MM: (W) 546 x (H) 218 x (D) 670
- INCH : (W) 21.5" x (H) 8.58" x (D) 26.3

### Power Supply Space

- Max 140mm Depth
- Single ATX/PS2 Power Supply

### Front Device Bays

- 1x5.25" CD-ROM
- 1x Floppy
- 6x3.5" Hard Disks

### Switches

- Power On/Off
- Reset On/Off

### Filter

- Chemical Fibers Washable

### Expansion Slot

- PCI & PCI Express Low Profile Card

### Temperatures

0°C~45°C(Operation)

### Weight

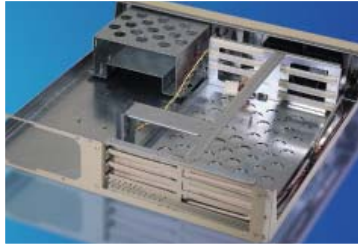
- N.W.: N/A
- G.W.: N/A

### Finished

- Black : RAL 9011
- Beige : RAL 7035

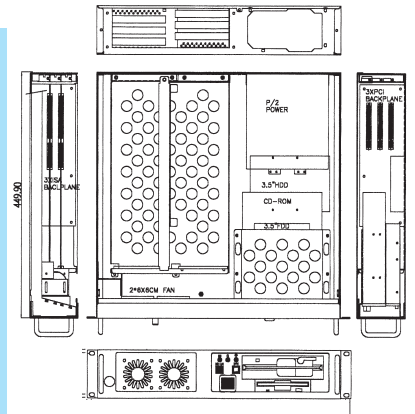
# 2U IPC Chassis Variants

## 2U CLM-914S For 6 Slots Backplane(4 x PCI & 2 x PICMG)



### Specifications:

- Material: SPEG
- Meet F.C.C.Class A & CE
- On two side 6 x Long Cards, 4 x PCI, 2 x PICMG On Two sides
- Drive Bays: 1 x 5.25" CD-ROM, 1 x 3.5" FDD  
1 x 3.5" HDD
- Fans: 2 pcs x 6 x 6 CM
- Power Supply: PS2 TYPE / AT 200-400W
- Removable Device Bay cage
- Washable air-filter
- Switches : Power ON/OFF,  
System Reset ON/OFF
- Lockable front door
- Assembly Parts Included
- Dimension: 19" x 18" x 3.5" (W x D x H)  
448 x 450 x 89mm(W x D x H)
- Shipping Dimensions: 2.4 CUFT
- Weight : N.W. 8.0 KGS G.W. 10.5 KGS
- Finished : Coating in Color RAL7035(Beige)  
RAL9011(Black)

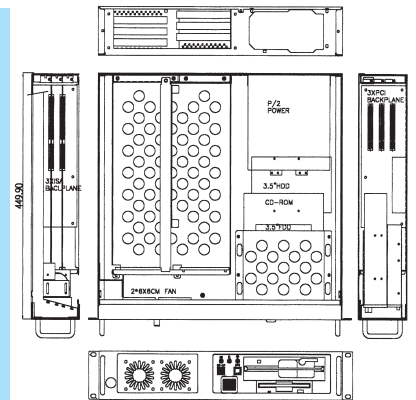


## 2U CLM-916S For 6 Slots Backplane(3 x PCI & 1 x ISA & 2 x PICMG)



### Specifications:

- Material: SPEG
- Meet F.C.C.Class A & CE
- Backplane: 5 x LONG CARDS, 3x PCI, 1x ISA, 2x PICMG on two sides
- Drive Bays: 1x5.25" CD-ROM, 1x3.5" FDD, 2x3.5"HDD
- Fans: 2 pcs x 6 x 6 CM
- Power Supply: PS2 AT 200-400W
- Removable Device Bay cage
- Switches : Power ON/OFF, Buzzer Reset  
System Reset ON/OFF
- Washable air-filter
- Lockable front doors
- Assembly Parts Included
- Dimension: 19" x 18" x 3.5" (W x D x H)  
448 x 450 x 89mm(W x D x H)
- Shipping Dimensions: 2.4 CUFT
- Weight : N.W. 8.0 KGS G.W. 10.5 KGS
- Finished : Coating in Color RAL7035(Beige)  
RAL9011(Black)

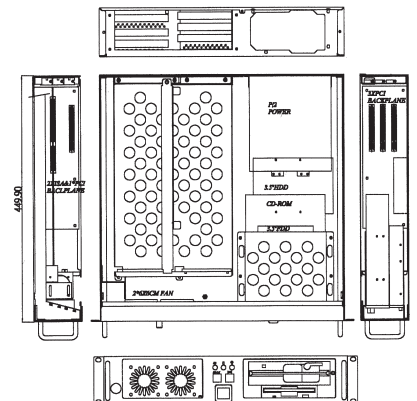


## 2U CLM-9164S For 6 Slots Backplane(4 x PCI & 2 x PICMG)



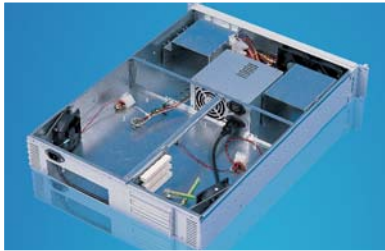
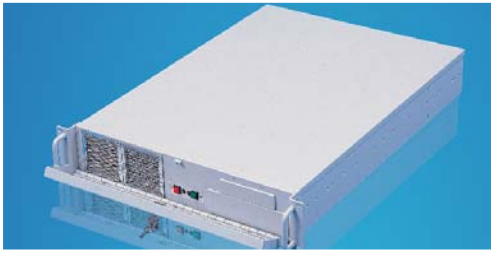
### Specifications:

- Material: SPEG
- Meet F.C.C.Class A & CE
- Backplane: 6 x LONG CARDS 4 x PCI, 2 x PICMG on two sides
- Drive Bays: 1x5.25" CD-ROM, 1x3.5" FDD, 1x3.5"HDD
- Fans: 2 pcs x 6 x 6 CM
- Power Supply: PS2 AT 200-400W
- Removable Device Bay cage
- Switches : Power ON/OFF, Buzzer Reset  
System Reset ON/OFF
- Washable air-filter
- Lockable front doors
- Assembly Parts Included
- Dimension: 19" x 18" x 3.5" (W x D x H)  
448 x 450 x 89mm(W x D x H)
- Shipping Dimensions: 2.4 CUFT
- Weight : N.W. 8.0 KGS G.W. 10.5 KGS
- Finished : Coating in Color RAL7035(Beige)  
RAL9011(Black)



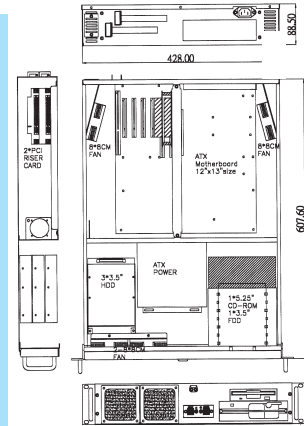
# 2U IPC Chassis Variants

## 2U CLM-9232A For 12" x 13" ATX M/B, 2 PCI Slots

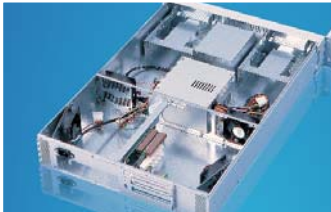
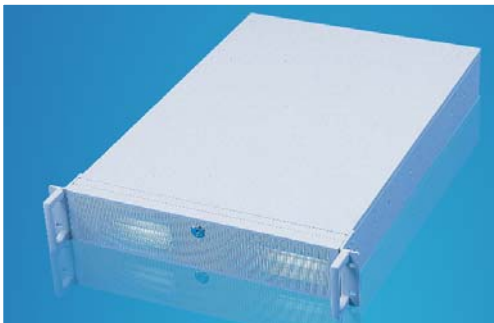


### Specifications:

- Material: SPEG
- Meet F.C.C.Class A & CE
- Mainboard: Extended Max to 12"x13" Full Size(Slot #5 & #6)
- Riser Card: 2 x 32Bits PCI Slots in 2 Layers 5.0V or 3.3V or 1.5V as request
- Drive Bays: 1 x 5.25" CD-ROM, 1 x 3.5" FDD, 3 x 3.5" HDD
- Fans: 4 pcs x 8 x 8 (CM)
- Power Supply: PS2 ATX (AC-IN ON TOP) Eps 24 pins+8 pins version as request
- Removable Device Bay cage
- Switches : Power ON/OFF, System Reset ON/OFF
- Lockable front door
- Assembly Parts Included
- Dimension: 19" x 24" x 3.5" (W x D x H)
- Shipping Dimensions: 1 PC/CTN/3.3 CUFT
- Weight : N.W.:11.0 KGS G.W.:13.0 KGS
- Finished : Coating in Color RAL7035(Beige) RAL9011(Black)

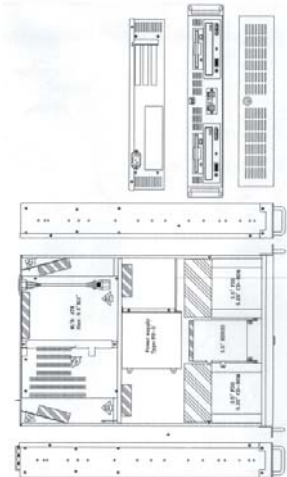


## 2U CLM-9234A/9235A For 12" x 9.6" ATX M/B



### Specifications:

- Material: SPEG
- Meet F.C.C.Class A & CE
- Mainboard ATX :  
CLM-9234A : 9.6" x 12" (Slot #5 & #6 )  
CLM-9235A : 9.6" x 12" (Slot #6 & #7 )
- Riser Card: 3 x 32Bits PCI OR 2 x PCI+1 X AGP in 2 Layers 5.0V or 3.3V or 1.5V as request
- Drive Bays: 2 x 5.25" CD-ROM, 2 x 3.5" FDD, 3 x 3.5" HDD
- Fans: 4 pcs x 8 x 8 (CM) 2 pcs optional fans available
- Power Supply: PS2 ATX(AC-INONTOP) or EPS 24 pins + 8 pins Version as request
- Removable Device Bay cage
- Washable air-filter
- Lockable front door
- Assembly Parts Included
- Dimension: 19" x 24" x 3.5" (W x D x H)
- Shipping Dimensions: 1 PC/3.3 CUFT
- Weight : N.W. 11.5 KGS G.W. 14.0 KGS
- Finished : Coating in Color RAL7035(Beige) RAL9011(Black)

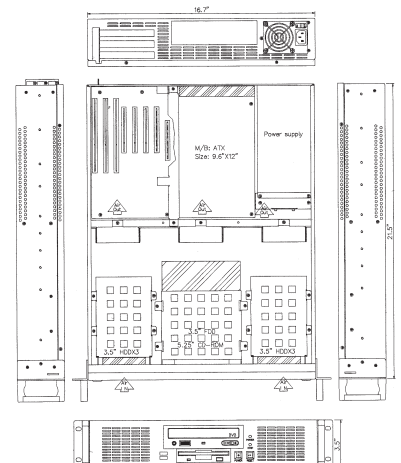


## 2U CLM-7234A/7235A For 12" x 9.6" / 12" x 13" ATX M/B



### Specifications:

- Material: SPEG
- Meet F.C.C.Class A & CE
- Mainboard ATX : CLM-7234A: Max to 9.6" X 12" (Slot #6,#7)  
CLM-7235A: Max to 12" X 13"
- Riser Card: 3 X PCI or 2 X PCI + 1 X AGP in 2 Layers 5.0V or 3.3V or 1.5V as request
- Drive Bays: 1 X 3.5"FDD & 1 X 5.25"CD-ROM & 6 X 3.5"HDD
- Power Supply: ATX SPX-6300A2,P2U-6300P, MB-350VA  
Redundant ATX: R2G-6300 2 x 300W  
SPR-2326 2 x 320W for CLM-7235A  
EPS 24 pins + 8 pins version as request
- Fans: 4 pcs 8 x 8 x 2.5cm 1 pc optional fans available
- Removable Device Bay cage
- Washable air-filter
- Lockable front door , patent pending
- Assembly Parts Included
- Dimension: W19"x D20.5"x H3.5"
- Shipping Dimensions:1 PC/CTN/3.0/3.5 CUFT
- Weight : N.W: 11/12 KGS G.W: 13.5/14.5 KGS
- Finished : Coating in Color RAL7035(Beige) RAL9011(Black)



Patent Pending: Tawian 195808 Germany 2014717.9  
USA 09/953.269 China ZL01232530.9

# 3U Rack Mount Server Chassis

Model No.	M/B Size	Power Spec	Fan		
			Front	Middle	Rear
CLM-53-12AL7	12"x13" ATX	ATX/PS2 power	N/A	3x 120*120*25	2x 60*60*25 1x 92*92*25
CLM-53-11AL7S	12"x10.6" ATX	ATX/PS2 power	N/A	N/A	2x 60*60*25 1x 92*92*25
CLM-53-10AL7	12"x13" ATX	Single 1U power	2x 120*120*25	N/A	2x 60*60*25
CLM-53-09MAL4	9.6"x9.6" ATX	ATX/PS2 power	1x 120*120*25	N/A	2x 60*60*25
CLM-53-08AL7	12"x13" ATX	Single 2U power	N/A	N/A	2x 120*120*25
CLM-53-07MAL4	9.6"x9.6" ATX	ATX/PS2 power	2x 120*120*25	N/A	2x 60*60*25
CLM-53-06AL7	12"x9.6" ATX	Single 1U power	2x 120*120*25	N/A	2x 60*60*25
CLM-53-05AL7R/S	12"x13" ATX	<ul style="list-style-type: none"> <li>• Single 2U power</li> <li>• Redundant Power</li> </ul>	3x 120*120*25	3x 120*120*25	2x 60*60*25
CLM-53-04AL7R/S	12"x10.6" ATX	<ul style="list-style-type: none"> <li>• Single 2U power</li> <li>• Redundant Power</li> </ul>	2x 120*120*25	N/A	2x 60*60*25
CLM-53-03AL7	12"x13" ATX	Single 2U power	N/A	3x 120*120*25	2x 60*60*25
CLM-53-03AL5	12"x13" ATX	ATX/PS2 power	N/A	3x 120*120*25	2x 60*60*25
CLM-53-02AL7	12"x10.6" ATX	Single 2U power	N/A	N/A	2x 60*60*25
CLM-53-02AL5	12"x10.6" ATX	ATX/PS2 power	N/A	N/A	2x 60*60*25
CLM-53-01AL7	12"x10.6" ATX	Single 2U power	2x 120*120*25	N/A	2x 60*60*25
CLM-53-01AL5	12"x10.6" ATX	ATX/PS2 power	2x 120*120*25	N/A	2x 60*60*25
CLM-7334A/R	12"x13" ATX	<ul style="list-style-type: none"> <li>• Single 2U power</li> <li>• Redundant Power</li> </ul>	2x 90*90*25	N/A	2x 60*60*25

Model No.	Device			USB	Dimension Depth	Page
	Hard Disk	Floppy	CD-ROM			
CLM-53-12AL7	7	1	5	N/A	660mm	
CLM-53-11AL7S	7	1	5	N/A	533mm	
CLM-53-10AL7	3	N/A	2	4 ports	420mm	
CLM-53-09MAL4	3	1	2	2 ports	406mm	
CLM-53-08AL7	4	1	1	2 ports	431mm	
CLM-53-07MAL4	4	1	1	N/A	355mm	
CLM-53-06AL7	3	N/A	2	4 ports	355mm	
CLM-53-05AL7R/S	8	N/A	3	N/A	660mm	
CLM-53-04AL7R/S	8	N/A	3	N/A	527mm	
CLM-53-03AL7	3	1	6	N/A	660mm	
CLM-53-03AL5	3+1	1	6	N/A	660mm	
CLM-53-02AL7	3	1	6	N/A	533mm	
CLM-53-02AL5	3+1	1	6	N/A	533mm	
CLM-53-01AL7	8	1	2	2 ports	477mm	
CLM-53-01AL5	8+1	1	2	2 ports	477mm	
CLM-7334A/R	4	1	2	N/A	21"	

# CLM-53-01AL5/AL7

18.7" Depth Chassis



Excellent Thermal Efficiency & System Security Design

Inside View



## Specifications

### Motherboard Specification

- Max to 12"\*10.6" ATX
- Compliant ATX/SSI CEB 1.01

### Fans Specification

- Front: 2\* Axial(120\*120\*25mm)
- Middle: N/A
- Rear: 2\* Axial(60\*60\*25mm)

### Indicators

- 1xDisk Drive Status LED
- 1xPower LED
- 2xNIC LEDs & 1x Fan Fault LED

### Material

- SECCESAXZ Meet,RoHs, CE,UL

### Front Panel Access

- 2 Locks
- 2 USB Ports

### Application Reference

- Web Server
- Firewall Server
- Proxy Server
- VPN Server
- E-Mail Server
- ISP
- DNS Server
- High-end Workstation

### Chassis Dimension

- MM: (W) 424 x (H) 132 x (D) 477
- INCH : (W) 19" x (H) 5.2" x (D) 18.77"

### Shipping Dimension

- MM: (W) 546 x (H) 262 x (D) 614
- INCH : (W) 21.5" x (H) 10.31" x (D) 24.17"

### Power Supply Space

- AL5: Single ATX/PS2 PSU (D185mm)
- AL7: Single EPS2U PSU(Depth 215mm)

### Front Device Bays

- 2x 5.25" CD-ROM & 1x 3.5" Floppy
- AL5: 9x 3.5" Hard Disks
- AL7: 8x 3.5" Hard Disks

### Switches

- Power On/Off
- Reset On/Off

### Filter

- Chemical Fibers Washable

### Expansion Slot

- PCI & PCI Express Card (Max 220mm Depth)

### Temperatures

0°C~45°C(Operation)

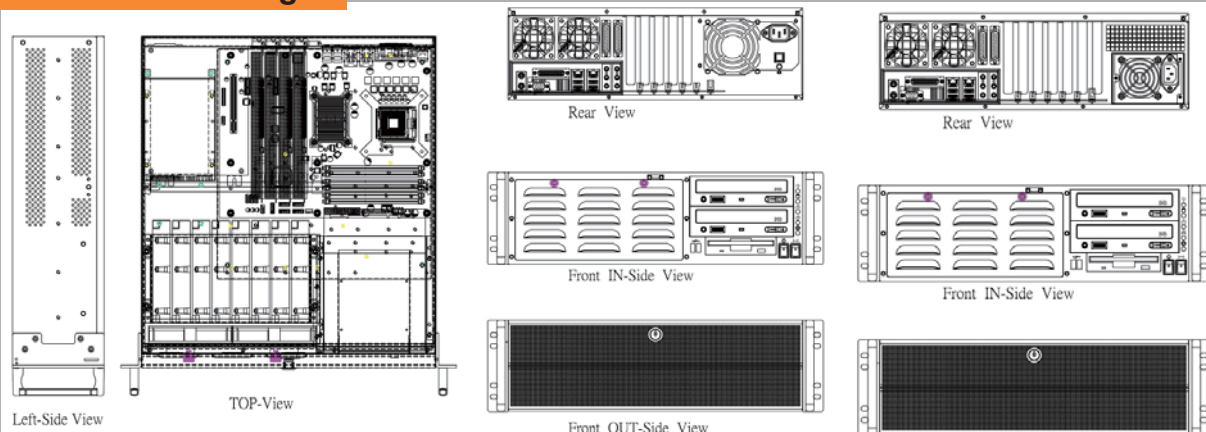
### Weight

- N.W.: N/A
- G.W.: N/A

### Finished

- Black : RAL 9011
- Beige : RAL 7035

## Constructon Drawing





# CLM-53-02AL5/AL7

21" Depth Chassis



Excellent Thermal Efficiency & System Security Design

Inside View



## Specifications

### Motherboard Specification

- Max to 12"\*10.6" ATX
- Compliant ATX/SSI CEB 1.01

### Fans Specification

- Front: N/A
- Middle: N/A
- Rear: 2\* Axial(60\*60\*25mm)

### Indicators

- 1xDisk Drive Status LED
- 1xPower LED & 1x Fan Fault LED
- 2xNIC LEDs

### Material

- SECCESAXZ Meet,RoHs, CE,UL

### Front Panel Access

- 2 Locks

### Application Reference

- Web Server
- Firewall Server
- Proxy Server
- VPN Server
- E-Mail Server
- ISP
- DNS Server
- High-end Workstation

### Chassis Dimension

- MM: (W) 424 x (H) 177 x (D) 533.5
- INCH : (W) 19" x (H) 5.2" x (D) 21"

### Shipping Dimension

- MM: (W) 546 x (H) 307 x (D) 670
- INCH : (W) 21.5" x (H) 10.31" x (D) 26.3"

### Power Supply Space

- AL5: Single ATX/PS2 PSU (D185mm)
- AL7: Single EPS2U PSU(Depth 215mm)

### Front Device Bays

- 6x 5.25" CD-ROM & 1x 3.5" Floppy
- AL5: 4x 3.5" Hard Disks
- AL7: 3x 3.5" Hard Disks

### Switches

- Power On/Off
- Reset On/Off

### Filter

- N/A

### Expansion Slot

- PCI & PCI Express Card (Max 270mm Depth)

### Temperatures

0°C~45°C(Operation)

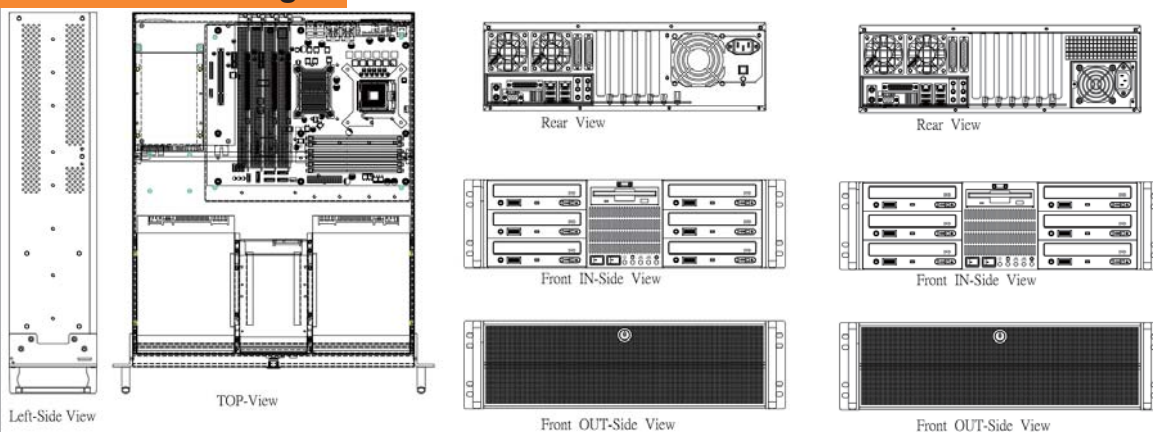
### Weight

- N.W.: N/A
- G.W.: N/A

### Finished

- Black : RAL 9011
- Beige : RAL 7035

## Constructon Drawing



# CLM-53-03AL5/AL7

26" Depth Chassis



Excellent Thermal Efficiency & System Security Design

Inside View



## Specifications

### Motherboard Specification

- Max to 12"\*13" E-ATX
- Compliant ATX/SSI EEB 3.61

### Fans Specification

- Front: N/A
- Middle: 3\* Axial(120\*120\*25mm)
- Rear: 2\* Axial(60\*60\*25mm)

### Indicators

- 1xDisk Drive Status LED
- 1xPower LED
- 2xNIC LEDs & 1x Fan Fault LED

### Material

- SECCESAXZ Meet,RoHs, CE,UL

### Front Panel Access

- 2 Locks
- 2 USB Ports

### Application Reference

- Web Server
- Firewall Server
- Proxy Server
- VPN Server
- E-Mail Server
- ISP
- DNS Server
- High-end Workstation

### Chassis Dimension

- MM: (W) 424 x (H) 132 x (D) 660
- INCH : (W) 19" x (H) 5.2" x (D) 26"

### Shipping Dimension

- MM: (W) 546 x (H) 262 x (D) 783
- INCH : (W) 21.5" x (H) 10.31" x (D) 30.8"

### Power Supply Space

- AL5: Single ATX/PS2 PSU (D185mm)
- AL7: Single EPS2U PSU(Depth 280mm)

### Front Device Bays

- 6x 5.25" CD-ROM & 1x 3.5" Floppy
- AL5: 4x 3.5" Hard Disks
- AL7: 3x 3.5" Hard Disks

### Switches

- Power On/Off
- Reset On/Off

### Filter

- N/A

### Expansion Slot

- Full Size PCI & PCI Express Card

### Temperatures

0°C~45°C(Operation)

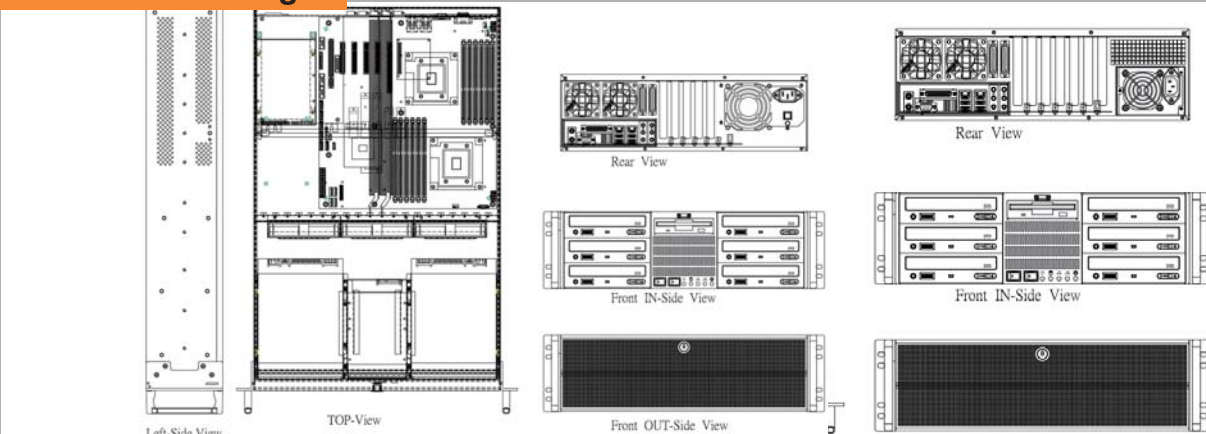
### Weight

- N.W.: N/A
- G.W.: N/A

### Finished

- Black : RAL 9011
- Beige : RAL 7035

## Constructon Drawing



# CLM53-04AL7S/R 20.7" Depth Chassis



Excellent Thermal Efficiency & System Security Design

Inside View



## Specifications

### Motherboard Specification

- Max to 12"\*10.6" ATX
- Compliant ATX/SSI CEB 1.01

### Fans Specification

- Front: N/A
- Middle: N/A
- Rear: 2\* Axial(60\*60\*25mm)

### Indicators

- 1xDisk Drive Status LED
- 1xPower LED & 1x Fan Fault LED
- 2xNIC LEDs

### Material

- SECCESAXZ Meet,RoHs, CE,UL

### Front Panel Access

- 2 Locks

### Application Reference

- Web Server
- Firewall Server
- Proxy Server
- VPN Server
- E-Mail Server
- ISP
- DNS Server
- High-end Workstation

### Chassis Dimension

- MM: (W) 424 x (H) 177 x (D) 527
- INCH : (W) 19" x (H) 5.2" x (D) 20.7"

### Shipping Dimension

- MM: (W) 546 x (H) 307 x (D) 670
- INCH : (W) 21.5" x (H) 10.31" x (D) 26.37"

### Power Supply Space

- 3U Redundant PSU (D254mm)
- Single ATX/EPS2U PSU(Depth 254mm)

### Front Device Bays

- 3x 5.25" CD-ROM
- 8x 3.5" Hard Disks

### Switches

- Power On/Off
- Reset On/Off

### Filter

- Chemical Fibers Washable

### Expansion Slot

- PCI & PCI Express Card (Max 250mm Depth)

### Temperatures

0°C~45°C(Operation)

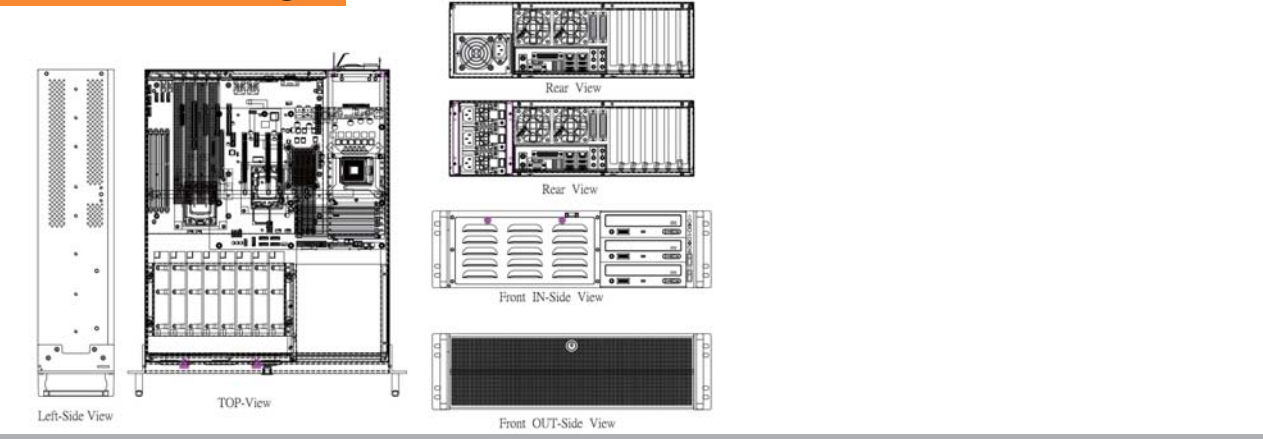
### Weight

- N.W.: N/A
- G.W.: N/A

### Finished

- Black : RAL 9011
- Beige : RAL 7035

## Constructon Drawing



# CLM-53-05AL7S/R 26" Depth Chassis



Excellent Thermal Efficiency & System Security Design

Inside View



## Specifications

### Motherboard Specification

- Max to 12"\*13" E-ATX
- Compliant ATX/SSI EEB 3.61

### Fans Specification

- Front: 2\* Axial(120\*120\*25mm)
- Middle: 3\* Axial(120\*120\*25mm)
- Rear: 2\* Axial(60\*60\*25mm)

### Indicators

- 1xDisk Drive Status LED
- 1xPower LED
- 2xNIC LEDs & 1x Fan Fault LED

### Material

- SECCESAXZ Meet,RoHs, CE,UL

### Front Panel Access

- 2 Locks

### Application Reference

- Web Server
- Firewall Server
- Proxy Server
- VPN Server
- E-Mail Server
- ISP
- DNS Server
- High-end Workstation

### Chassis Dimension

- MM: (W) 424 x (H) 132 x (D) 660
- INCH : (W) 19" x (H) 5.2" x (D) 26"

### Shipping Dimension

- MM: (W) 546 x (H) 262 x (D) 783
- INCH : (W) 21.5" x (H) 10.31" x (D) 30.8"

### Power Supply Space

- 3U Redundant PSU (D300mm)
- Single ATX/EPS2U PSU(Depth 300mm)

### Front Device Bays

- 3x 5.25" CD-ROM
- 8x 3.5" Hard Disks

### Switches

- Power On/Off
- Reset On/Off

### Filter

- N/A

### Expansion Slot

- Full Size PCI & PCI Express Card

### Temperatures

0°C~45°C(Operation)

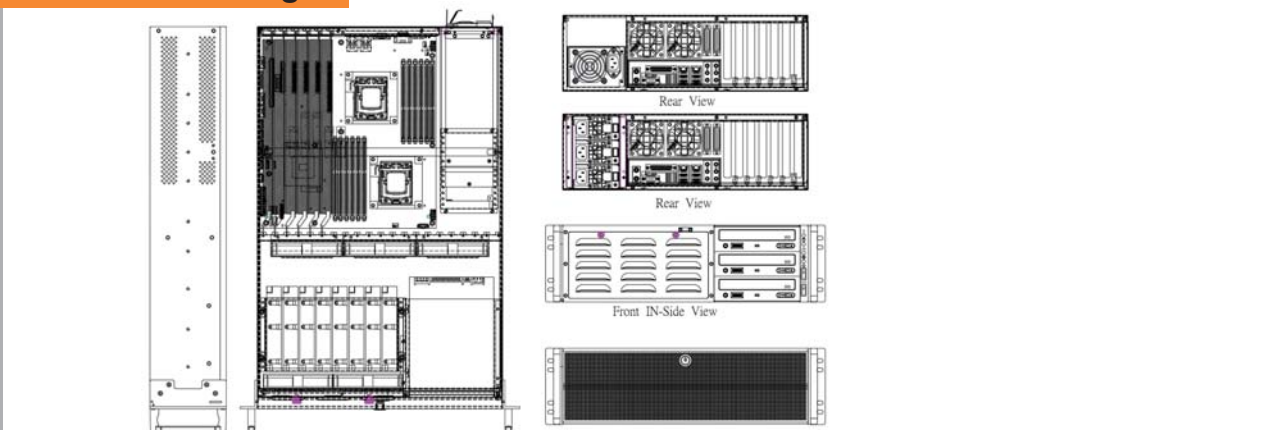
### Weight

- N.W.: N/A
- G.W.: N/A

### Finished

- Black : RAL 9011
- Beige : RAL 7035

## Constructon Drawing



# CLM-53-06AL7

14" Depth Chassis



Excellent Thermal Efficiency & System Security Design

Inside View



## Specifications

### Motherboard Specification

- Max to 12"\*9.6" ATX
- Compliant ATX 2.01

### Fans Specification

- Front: 2\* Axial(120\*120\*25mm)
- Middle: N/A
- Rear: 2\* Axial(60\*60\*25mm)

### Indicators

- 1xDisk Drive Status LED
- 1xPower LED & 1x Fan Fault LED
- 2xNIC LEDs

### Material

- SECCESAXZ Meet,RoHs, CE,UL

### Front Panel Access

- 2 Locks
- 4 USB Ports

### Application Reference

- Web Server
- Firewall Server
- Proxy Server
- VPN Server
- E-Mail Server
- ISP
- DNS Server
- High-end Workstation

### Chassis Dimension

- MM: (W) 424 x (H) 177 x (D) 355
- INCH : (W) 19" x (H) 5.2" x (D) 14"

### Shipping Dimension

- MM: (W) 546 x (H) 307 x (D) 491
- INCH : (W) 21.5" x (H) 10.31" x (D) 19.33"

### Power Supply Space

- Single ATX/EPS1U PSU(Depth 240mm)

### Front Device Bays

- 2x 5.25" CD-ROM
- 3x 3.5" Hard Disks

### Switches

- Power On/Off
- Reset On/Off

### Filter

- Chemical Fibers Washable

### Expansion Slot

- PCI & PCI Express Card (Max 240mm Depth)

### Temperatures

0°C~45°C(Operation)

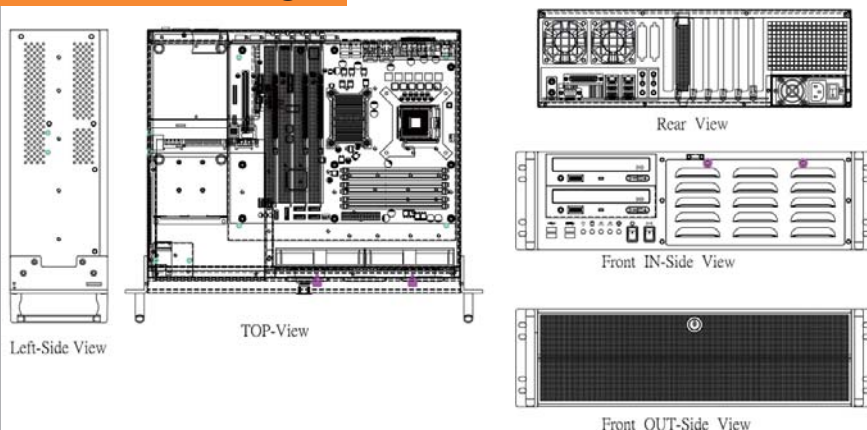
### Weight

- N.W.: N/A
- G.W.: N/A

### Finished

- Black : RAL 9011
- Beige : RAL 7035

## Constructon Drawing



# CLM-53-07MAL4

14" Depth Chassis



Excellent Thermal Efficiency & System Security Design

Inside View



## Specifications

### Motherboard Specification

- Max to 9.6"\*9.6"
- Compliant Micro ATX

### Fans Specification

- Front: 2\* Axial(120\*120\*25mm)
- Middle: N/A
- Rear: 2\* Axial(60\*60\*25mm)

### Indicators

- 1xDisk Drive Status LED
- 1xPower LED
- 1xNIC LEDs & 1x Fan Fault LED

### Material

- SECCESAXZ Meet,RoHs, CE,UL

### Front Panel Access

- 2 Locks

### Application Reference

- Web Server
- Firewall Server
- Proxy Server
- VPN Server
- E-Mail Server
- ISP
- DNS Server
- High-end Workstation

### Chassis Dimension

- MM: (W) 424 x (H) 132 x (D) 355
- INCH : (W) 19" x (H) 5.2" x (D) 14"

### Shipping Dimension

- MM: (W) 546 x (H) 262 x (D) 491
- INCH : (W) 21.5" x (H) 10.31" x (D) 19.33"

### Power Supply Space

- Single ATX/PS2 PSU(Depth 140mm)

### Front Device Bays

- 1x 5.25" CD-ROM
- 4x 3.5" Hard Disks

### Switches

- Power On/Off
- Reset On/Off

### Filter

- Chemical Fibers Washable

### Expansion Slot

- PCI & PCI Express Card (Max 240mm Depth)

### Temperatures

0°C~45°C(Operation)

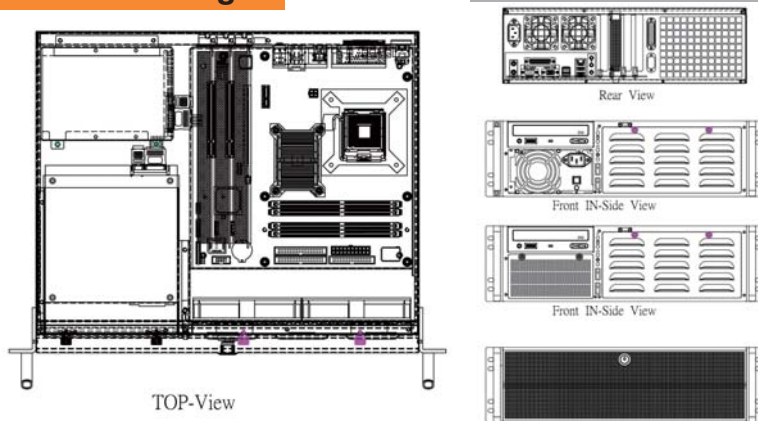
### Weight

- N.W.: N/A
- G.W.: N/A

### Finished

- Black : RAL 9011
- Beige : RAL 7035

## Constructon Drawing



# CLM-53-08AL7

17" Depth Chassis



Excellent Thermal Efficiency & System Security Design

Inside View



## Specifications

### Motherboard Specification

- Max to 12"×13" E-ATX
- Compliant ATX/SSI EEB 3.61

### Fans Specification

- Front: N/A
- Middle: N/A
- Rear: 2\* Axial(120\*120\*25mm)

### Indicators

- 1xDisk Drive Status LED
- 1xPower LED
- 1xNIC LEDs

### Material

- SECCESAXZ Meet,RoHs, CE,UL

### Front Panel Access

- 2 Locks
- 2 USB Ports

### Application Reference

- Web Server
- E-Mail Server
- Firewall Server
- ISP
- Proxy Server
- DNS Server
- VPN Server
- High-end Workstation

### Chassis Dimension

- MM: (W) 424 x (H) 177 x (D) 431
- INCH : (W) 19" x (H) 5.2" x (D) 17"

### Shipping Dimension

- MM: (W) 546 x (H) 307 x (D) 569
- INCH : (W) 21.5" x (H) 10.31" x (D) 22.4"

### Power Supply Space

- Single EPS2U PSU(Depth 190mm)

### Front Device Bays

- 2x 5.25" CD-ROM
- 3x 3.5" Hard Disks

### Switches

- Power On/Off
- Reset On/Off

### Filter

- Chemical Fibers Washable

### Expansion Slot

- Full Size PCI & PCI Express Card

### Temperatures

0°C~45°C(Operation)

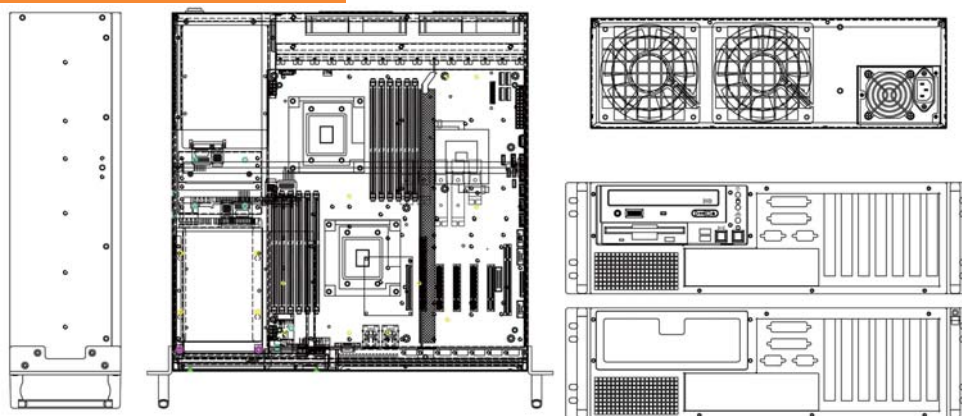
### Weight

- N.W.: N/A
- G.W.: N/A

### Finished

- Black : RAL 9011
- Beige : RAL 7035

## Constructon Drawing



# CLM-53-09MAL4

16" Depth Chassis



Excellent Thermal Efficiency & System Security Design

Inside View



## Specifications

### Motherboard Specification

- Max to 9.6"\*9.6"
- Compliant Micro ATX

### Fans Specification

- Front: 1\* Axial(120\*120\*25mm)
- Middle: N/A
- Rear: 2\* Axial(60\*60\*25mm)

### Indicators

- 1xDisk Drive Status LED
- 1xPower LED
- 2xNIC LEDs & 1x Fan Fault LED

### Material

- SECCESAXZ Meet,RoHs, CE,UL

### Front Panel Access

- 2 Locks
- 2 USB Ports

### Application Reference

- Web Server
- Firewall Server
- Proxy Server
- VPN Server
- E-Mail Server
- ISP
- DNS Server
- High-end Workstation

### Chassis Dimension

- MM: (W) 424 x (H) 132 x (D) 406
- INCH : (W) 19" x (H) 5.2" x (D) 16"

### Shipping Dimension

- MM: (W) 546 x (H) 262 x (D) 549
- INCH : (W) 21.5" x (H) 10.31" x (D) 21.6"

### Power Supply Space

- Single ATX/PS2 PSU(Depth 140mm)

### Front Device Bays

- 2x 5.25" CD-ROM
- 1x 3.5" Floppy
- 3x 3.5" Hard Disks

### Switches

- Power On/Off
- Reset On/Off

### Filter

- N/A

### Expansion Slot

- Full Size PCI & PCI Express Card

### Temperatures

0°C~45°C(Operation)

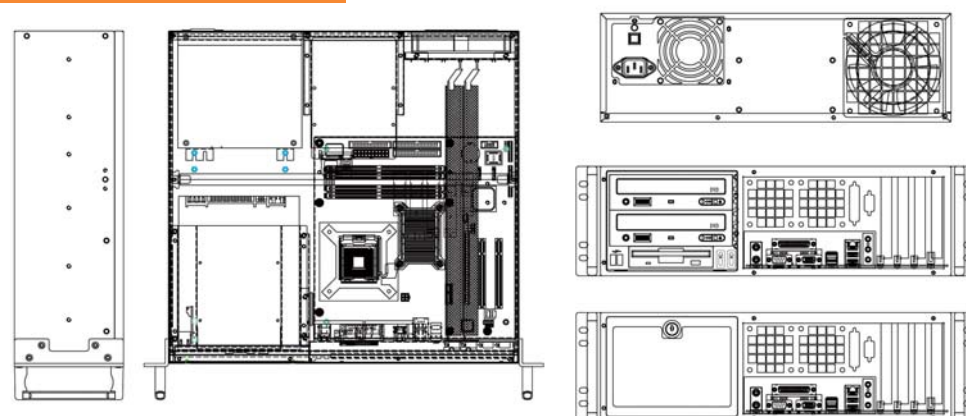
### Weight

- N.W.: N/A
- G.W.: N/A

### Finished

- Black : RAL 9011
- Beige : RAL 7035

## Constructon Drawing





# CLM-53-10AL7

16.5" Depth Chassis



Excellent Thermal Efficiency & System Security Design

Inside View



## Specifications

### Motherboard Specification

- Max to 12"\*13" E-ATX
- Compliant ATX/SSI EEB 3.61

### Fans Specification

- Front: 2\* Axial(120\*120\*25mm)
- Middle: N/A
- Rear: 2\* Axial(120\*120\*25mm)

### Indicators

- 1xDisk Drive Status LED
- 1xPower LED
- 2xNIC LEDs & 1x Fan Fault LED

### Material

- SECCESAXZ Meet,RoHs, CE,UL

### Front Panel Access

- 2 Locks
- 4 USB Ports

### Application Reference

- Web Server
- Firewall Server
- Proxy Server
- VPN Server
- E-Mail Server
- ISP
- DNS Server
- High-end Workstation

### Chassis Dimension

- MM: (W) 424 x (H) 177 x (D) 420
- INCH : (W) 19" x (H) 5.2 " x (D) 16.53"

### Shipping Dimension

- MM: (W) 546 x (H) 307 x (D) 569
- INCH : (W) 21.5" x (H) 10.31" x (D) 22.4"

### Power Supply Space

- Single EPS2U PSU(Depth 190mm)

### Front Device Bays

- 2x 5.25" CD-ROM
- 3x 3.5" Hard Disks

### Switches

- Power On/Off
- Reset On/Off

### Filter

- Chemical Fibers Washable

### Expansion Slot

- PCI & PCI Express Card Max Depth 290mm

### Temperatures

0°C~45°C(Operation)

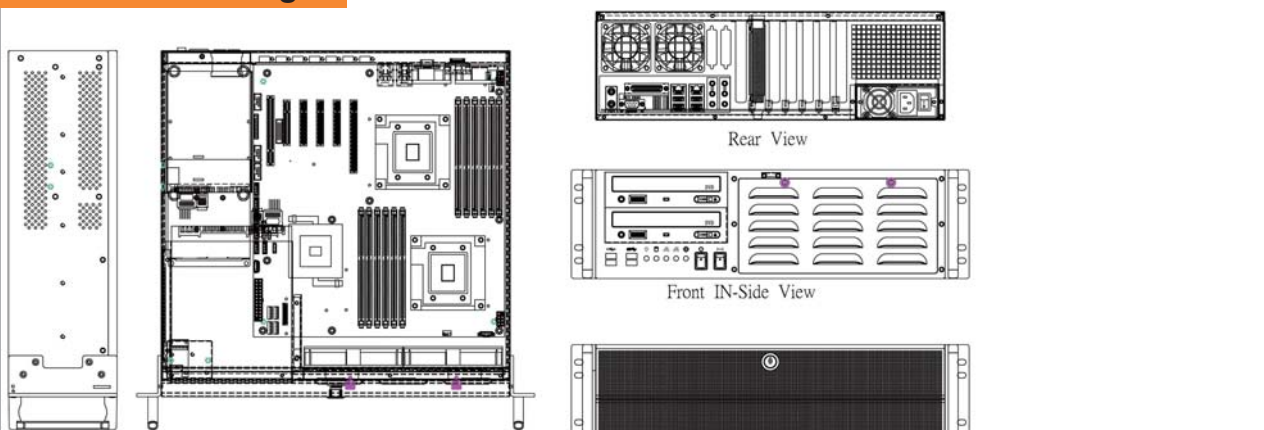
### Weight

- N.W.: N/A
- G.W.: N/A

### Finished

- Black : RAL 9011
- Beige : RAL 7035

## Constructon Drawing



# CLM-53-11AL7L/R

21" Depth Chassis



Excellent Thermal Efficiency & System Security Design

Inside View



## Specifications

### Motherboard Specification

- Max to 9.6"\*9.6"
- Compliant Micro ATX

### Fans Specification

- Front: 1\* Axial(120\*120\*25mm)
- Middle: N/A
- Rear: 2\* Axial(60\*60\*25mm)
- Rear: 1\* Axial(92\*92\*25mm)

### Indicators

- 1xDisk Drive Status LED
- 1xPower LED
- 2xNIC LEDs & 1x Fan Fault LED

### Material

- SECCESAXZ Meet,RoHs, CE,UL

### Front Panel Access

- 2 Locks
- 2 USB Ports

### Application Reference

- Web Server
- Firewall Server
- Proxy Server
- VPN Server
- E-Mail Server
- ISP
- DNS Server
- High-end Workstation

### Chassis Dimension

- MM: (W) 424 x (H) 132 x (D) 533
- INCH : (W) 19" x (H) 5.2" x (D) 21"

### Shipping Dimension

- MM: (W) 546 x (H) 262 x (D) 670
- INCH : (W) 21.5" x (H) 10.31" x (D) 26.3"

### Power Supply Space

- Single ATX/PS2 PSU(Depth 160mm)

### Front Device Bays

- 5x 5.25" CD-ROM
- 1x 3.5" Floppy
- 7x 3.5" Hard Disks

### Switches

- Power On/Off
- Reset On/Off

### Filter

- N/A

### Expansion Slot

- PCI & PCI Express Card Max Depth 270mm

### Temperatures

0°C~45°C(Operation)

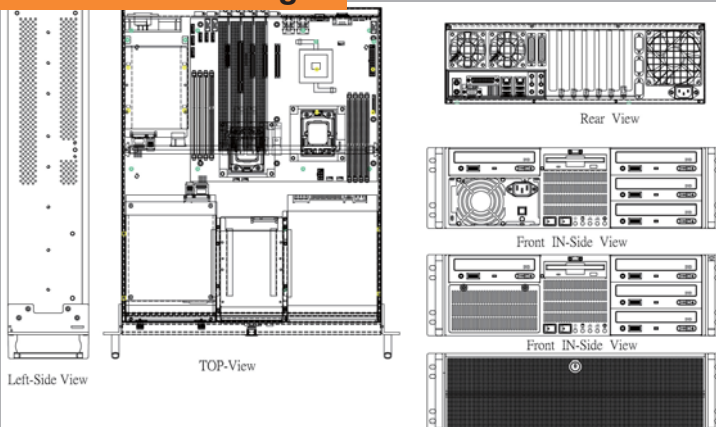
### Weight

- N.W.: N/A
- G.W.: N/A

### Finished

- Black : RAL 9011
- Beige : RAL 7035

## Constructon Drawing



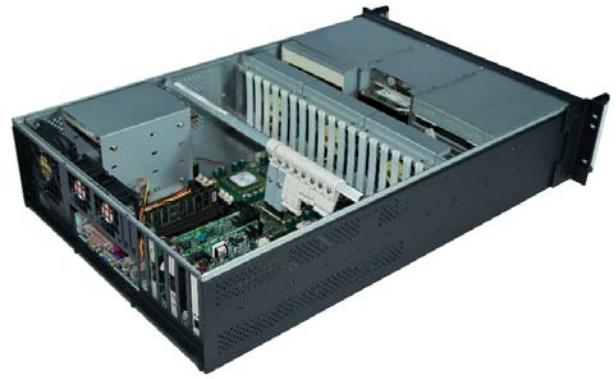
# CLM-53-12AL7

26" Depth Chassis



Excellent Thermal Efficiency & System Security Design

Inside View



## Specifications

### Motherboard Specification

- Max to 12"\*13" E-ATX
- Compliant ATX/SSI EEB 3.61

### Fans Specification

- Front: N/A
- Middle: 3\* Axial(120\*120\*25mm)
- Rear: 2\* Axial(120\*120\*25mm)
- Rear: 1\* Axial(92\*92\*25mm)

### Indicators

- 1xDisk Drive Status LED
- 1xPower LED
- 2xNIC LEDs & 1x Fan Fault LED

### Material

- SECCESAXZ Meet,RoHs, CE,UL

### Front Panel Access

- 2 Locks

### Application Reference

- Web Server
- Firewall Server
- Proxy Server
- VPN Server
- E-Mail Server
- ISP
- DNS Server
- High-end Workstation

### Chassis Dimension

- MM: (W) 424 x (H) 177 x (D) 660
- INCH : (W) 19" x (H) 5.2" x (D) 26"

### Shipping Dimension

- MM: (W) 546 x (H) 307 x (D) 783
- INCH : (W) 21.5" x (H) 10.31" x (D) 30.8"

### Power Supply Space

- Single ATX/PS2 PSU(Depth 160mm)

### Front Device Bays

- 5x 5.25" CD-ROM
- 1x 3.5" Floppy
- 7x 3.5" Hard Disks

### Switches

- Power On/Off
- Reset On/Off

### Filter

- Chemical Fibers Washable

### Expansion Slot

- Full Size PCI & PCI Express Card

### Temperatures

0°C~45°C(Operation)

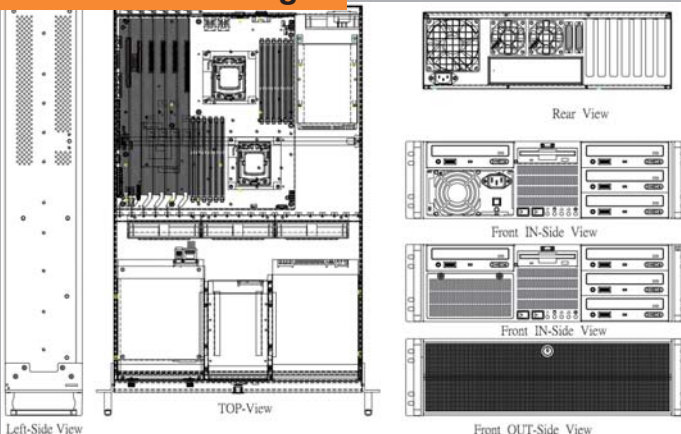
### Weight

- N.W.: N/A
- G.W.: N/A

### Finished

- Black : RAL 9011
- Beige : RAL 7035

## Constructon Drawing



# 4U Rack Mount Server Chassis

Model No.	M/B Size	Power Spec	Fan		
			Front	Middle	Rear
CLM-54-14AL7	12"x10.6" ATX	<ul style="list-style-type: none"> <li>ATX/PS2 power</li> <li>Mini-Redundant PS</li> </ul>	N/A	N/A	1x 120*120*25
CLM-54-13AL7	12"x10.6" ATX	<ul style="list-style-type: none"> <li>ATX/PS2 power</li> <li>Mini-Redundant PS</li> </ul>	N/A	N/A	1x 120*120*25
CLM-54-12AL7	12"x13" EATX	ATX/PS2 power	N/A	N/A	2x 120*120*25
CLM-54-11AL7	12"x10.6" ATX	ATX/PS2 power	N/A	N/A	2x 120*120*25
CLM-54-10AL7	12"x13" EATX	<ul style="list-style-type: none"> <li>ATX/PS2 power</li> <li>Mini-Redundant PS</li> </ul>	2x 120*120*25	N/A	1x 120*120*25
CLM-54-09AL7	12"x13" EATX	<ul style="list-style-type: none"> <li>ATX/PS2 power</li> <li>Mini-Redundant PS</li> </ul>	2x 120*120*25	3x 120*120*25	1x 120*120*25
CLM-54-08AL7	12"x10.6" ATX	<ul style="list-style-type: none"> <li>ATX/PS2 power</li> <li>Mini-Redundant PS</li> </ul>	2x 120*120*25	N/A	1x 120*120*25
CLM-54-07AL7	12"x10.6" ATX	<ul style="list-style-type: none"> <li>ATX/PS2 power</li> <li>Mini-Redundant PS</li> </ul>	2x 120*120*25	N/A	1x 120*120*25
CLM-54-06MAL4	9.6"x9.6" Micro	ATX/PS2 power	2x 60*60*25	N/A	2x 120*120*25
CLM-54-05AL7	12"x13" EATX	<ul style="list-style-type: none"> <li>ATX/PS2 power</li> <li>Mini-Redundant PS</li> </ul>	N/A	N/A	2x 140*140*25
CLM-54-04MAL4	9.6"x9.6" Micro	<ul style="list-style-type: none"> <li>ATX/PS2 power</li> <li>Mini-Redundant PS</li> </ul>	2x 120*120*25	N/A	1x 120*120*25
CLM-54-03AL7	12"x10.6" ATX	<ul style="list-style-type: none"> <li>ATX/PS2 power</li> <li>Mini-Redundant PS</li> </ul>	2x 120*120*25	N/A	1x 120*120*25
CLM-54-02S14	12"x13" EATX	<ul style="list-style-type: none"> <li>ATX/PS2 power</li> <li>Mini-Redundant PS</li> </ul>	2x 120*120*25	N/A	1x 120*120*25
CLM-54-02AL7	12"x13" EATX	<ul style="list-style-type: none"> <li>ATX/PS2 power</li> <li>Mini-Redundant PS</li> </ul>	2x 120*120*25	N/A	1x 120*120*25
CLM-54-01AL7	12"x13" EATX	<ul style="list-style-type: none"> <li>ATX/PS2 power</li> <li>Mini-Redundant PS</li> </ul>	2x 120*120*25	N/A	1x 120*120*25
CLM-975A/S	12"x13" EATX	<ul style="list-style-type: none"> <li>ATX/PS2 power</li> <li>Mini-Redundant PS</li> </ul>	1x 120*120*25	N/A	N/A
CLM-973A/S	12"x13" EATX	ATX/PS2 power	2x 120*120*25	N/A	N/A
CLM-972A/S	12"x13" EATX	ATX/PS2 power	2x 120*120*25	N/A	N/A
CLM-971A	12"x9.6" ATX	ATX/PS2 power	2x 120*120*25	N/A	N/A
CLM-970A/S	12"x13" EATX	<ul style="list-style-type: none"> <li>ATX/PS2 power</li> <li>Mini-Redundant PS</li> </ul>	1x 120*120*25	N/A	N/A
CLM-938A/S	12"x13" EATX	<ul style="list-style-type: none"> <li>ATX/PS2 power</li> <li>Mini-Redundant PS</li> </ul>	N/A	3x 120*120*25	N/A
CLM-937A/S	12"x13" EATX	Mini-Redundant PS	N/A	3x 120*120*25	N/A
CLM-936S	Backplane	Mini-Redundant PS	N/A	3x 120*120*25	N/A
CLM-935S	Backplane	ATX/PS2 power	N/A	3x 120*120*25	N/A
CLM-922A/S	12"x9.6" ATX	ATX/PS2 power	1x 120*120*25	N/A	N/A

Model No.	Device			USB	Dimension Depth	Page
	Hard Disk	Floppy	CD-ROM			
CLM-54-14AL7	N/A	N/A	10	N/A	533mm	
CLM-54-13AL7	5	1	8	N/A	533mm	
CLM-54-12AL7	5+6	1	6	N/A	660mm	
CLM-54-11AL7	5+6	1	6	N/A	533mm	
CLM-54-10AL7	6	N/A	4	2 ports	533mm	
CLM-54-09AL7	8	N/A	4	2 ports	660mm	
CLM-54-08AL7	8	N/A	4	2 ports	508mm	
CLM-54-07AL7	8	1	3	2 ports	457mm	
CLM-54-06MAL4	4	1	3	N/A	407mm	
CLM-54-05AL7	2	1	2	2 ports	432mm	
CLM-54-04MAL4	3	N/A	2	2 ports	330mm	
CLM-54-03AL7	4	1	2	4 ports	367.5mm	
CLM-54-02S14	4	1	3	2 ports	431.5mm	
CLM-54-02AL7	4	1	3	2 ports	431.5mm	
CLM-54-01AL7	5	1	2	4 ports	431.5mm	
CLM-975A/S	2	1	3	N/A	20"	
CLM-973A/S	1	1	1	N/A	18"	
CLM-972A/S	1	1	2	N/A	18"	
CLM-971A/S	1	1	2	N/A	18"	
CLM-970A/S	2	1	3	N/A	18"	
CLM-938A/S	N/A	1	8	N/A	26"	
CLM-937A/S	N/A	1	6	N/A	26"	
CLM-936S	N/A	1	6	N/A	26"	
CLM-935A/S	N/A	1	6	N/A	26"	
CLM-922A/S	1	1	2	N/A	18"	

# CLM54-01AL7

17" Depth Chassis



Excellent Thermal Efficiency & System Security Design

Inside View



## Specifications

### Motherboard Specification

- Max to 12"\*13" E-ATX
- Compliant ATX/SSI EEB 3.61

### Fans Specification

- Front: 2\* Axial(120\*120\*25mm)
- Middle: N/A
- Rear: 1\* Axial(120\*120\*25mm)

### Indicators

- 2xDisk Drive Status LED
- 1xPower LED
- 2xNIC LEDs
- 1x Fan Fault LED

### Material

- SECCESAXZ Meet,RoHs, CE,UL

### Front Panel Access

- 2 Locks
- 4 USB Ports

### Application Reference

- Web Server
- Firewall Server
- Proxy Server
- VPN Server
- E-Mail Server
- ISP
- DNS Server
- High-end Workstation

### Chassis Dimension

- MM: (W) 424 x (H) 177 x (D) 431.5
- INCH : (W) 19" x (H) 6.97" x (D) 17"

### Shipping Dimension

- MM: (W) 546 x (H) 307 x (D) 569
- INCH : (W) 21.5" x (H) 12.09" x (D) 22.4"

### Power Supply Space

- Mini-redundant Power Supply
- Single ATX/PS2 Power Supply

### Front Device Bays

- 2x 5.25" CD-ROM
- 1x 3.5" Floppy
- 3x 3.5" Hard Disks

### Switches

- Power On/Off
- Reset On/Off

### Filter

- Chemical Fibers Washable

### Expansion Slot

- Full Size PCI & PCI Express Card

### Temperatures

0°C~45°C(Operation)

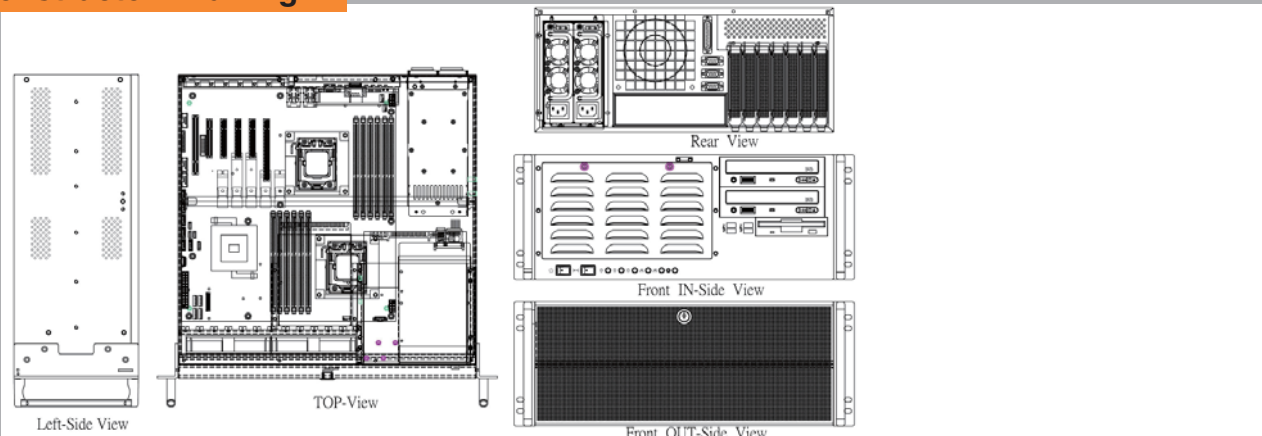
### Weight

- N.W.: N/A
- G.W.: N/A

### Finished

- Black : RAL 9011
- Beige : RAL 7035

## Constructon Drawing



# CLM54-02AL7

17" Depth Chassis



Excellent Thermal Efficiency & System Security Design

Inside View



## Specifications

### Motherboard Specification

- Max to 12"\*13" E-ATX
- Compliant ATX/SSI EEB 3.61

### Fans Specification

- Front: 2\* Axial(120\*120\*25mm)
- Middle: N/A
- Rear: 1\* Axial(120\*120\*25mm)

### Indicators

- 2xDisk Drive Status LED
- 1xPower LED
- 2xNIC LEDs
- 1x Fan Fault LED

### Material

- SECCESAXZ Meet,RoHs, CE,UL

### Front Panel Access

- 2 Locks

### Application Reference

- Web Server
- Firewall Server
- Proxy Server
- VPN Server
- E-Mail Server
- ISP
- DNS Server
- High-end Workstation

### Chassis Dimension

- MM: (W) 424 x (H) 177 x (D) 431.5
- INCH : (W) 19" x (H) 6.97" x (D) 17"

### Shipping Dimension

- MM: (W) 546 x (H) 307 x (D) 569
- INCH : (W) 21.5" x (H) 12.09" x (D) 22.4"

### Power Supply Space

- Mini-redundant Power Supply
- Single ATX/PS2 Power Supply

### Front Device Bays

- 3x 5.25" CD-ROM
- 1x 3.5" Floppy
- 4x 3.5" Hard Disks

### Switches

- Power On/Off
- Reset On/Off

### Filter

- Chemical Fibers Washable

### Expansion Slot

- Full Size PCI & PCI Express Card

### Temperatures

0°C~45°C(Operation)

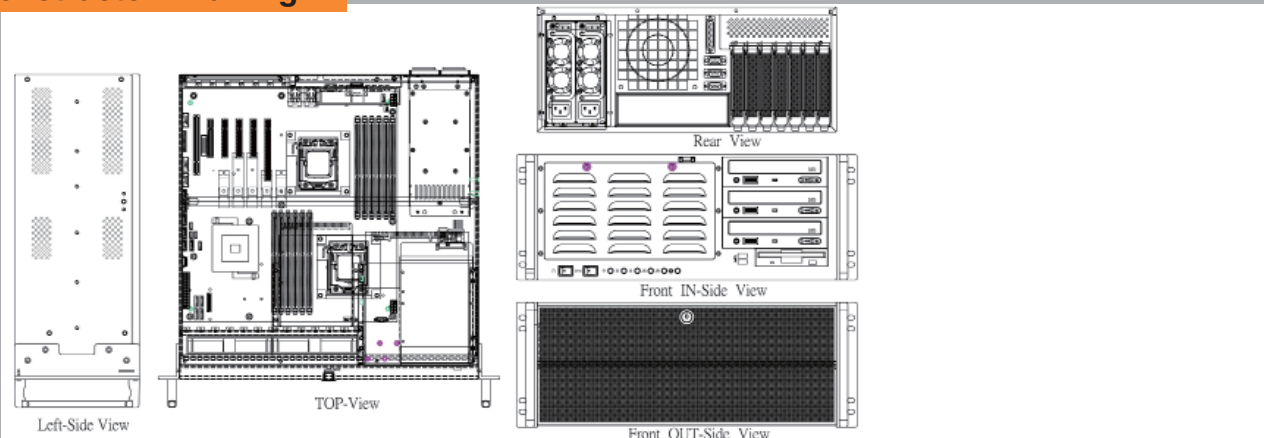
### Weight

- N.W.: N/A
- G.W.: N/A

### Finished

- Black : RAL 9011
- Beige : RAL 7035

## Constructon Drawing



# CLM54-03AL7

14.5" Depth Chassis



Excellent Thermal Efficiency & System Security Design

Inside View



## Specifications

### Motherboard Specification

- Max to 12"\*10.6" ATX
- Compliant ATX/SSI CEB 1.1

### Fans Specification

- Front: 2\* Axial(120\*120\*25mm)
- Middle: N/A
- Rear: 1\* Axial(120\*120\*25mm)

### Indicators

- 2xDisk Drive Status LED
- 1xPower LED
- 2xNIC LEDs
- 1x Fan Fault LED

### Material

- SECCESAXZ Meet,RoHs, CE,UL

### Front Panel Access

- 2 Locks
- 4 USB Ports

### Application Reference

- Web Server
- Firewall Server
- Proxy Server
- VPN Server
- E-Mail Server
- ISP
- DNS Server
- High-end Workstation

### Chassis Dimension

- MM: (W) 424 x (H) 177 x (D) 367.5
- INCH : (W) 19" x (H) 6.97" x (D) 14.5"

### Shipping Dimension

- MM: (W) 546 x (H) 307 x (D) 506
- INCH : (W) 21.5" x (H) 12.09" x (D) 19.9"

### Power Supply Space

- Mini-redundant Power Supply
- Single ATX/PS2 Power Supply

### Front Device Bays

- 2x 5.25" CD-ROM
- 1x 3.5" Floppy
- 4x 3.5" Hard Disks

### Switches

- Power On/Off
- Reset On/Off

### Filter

- Chemical Fibers Washable

### Expansion Slot

- Full Size PCI & PCI Express Card

### Temperatures

0°C~45°C(Operation)

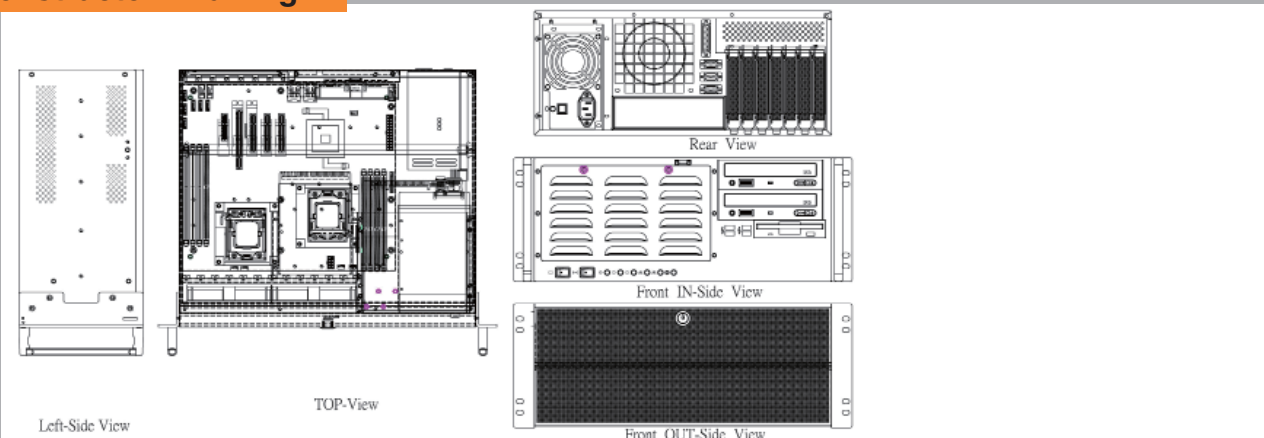
### Weight

- N.W.: N/A
- G.W.: N/A

### Finished

- Black : RAL 9011
- Beige : RAL 7035

## Constructon Drawing





# CLM54-04MAL4

13" Depth Chassis



Excellent Thermal Efficiency & System Security Design

Inside View



## Specifications

### Motherboard Specification

- Max to 9.6"\*9.6"
- Compliant Micro ATX V1.2

### Fans Specification

- Front: 2\* Axial(120\*120\*25mm)
- Middle: N/A
- Rear: 1\* Axial(120\*120\*25mm)

### Indicators

- 2xDisk Drive Status LED
- 1xPower LED
- 2xNIC LEDs
- 1x Fan Fault LED

### Material

- SECCESAXZ Meet,RoHs, CE,UL

### Front Panel Access

- 2 Locks
- 2 USB Ports

### Application Reference

- Web Server
- Firewall Server
- Proxy Server
- VPN Server
- E-Mail Server
- ISP
- DNS Server
- High-end Workstation

### Chassis Dimension

- MM: (W) 424 x (H) 177 x (D) 330
- INCH : (W) 19" x (H) 6.97" x (D) 13"

### Shipping Dimension

- MM: (W) 546 x (H) 307 x (D) 471
- INCH : (W) 21.5" x (H) 12.09" x (D) 18.5"

### Power Supply Space

- Mini-redundant Power Supply
- Single ATX/PS2 Power Supply

### Front Device Bays

- 2x 5.25" CD-ROM
- 3x 3.5" Hard Disks

### Switches

- Power On/Off
- Reset On/Off

### Filter

- Chemical Fibers Washable

### Expansion Slot

- Full Size PCI & PCI Express Card

### Temperatures

0°C~45°C(Operation)

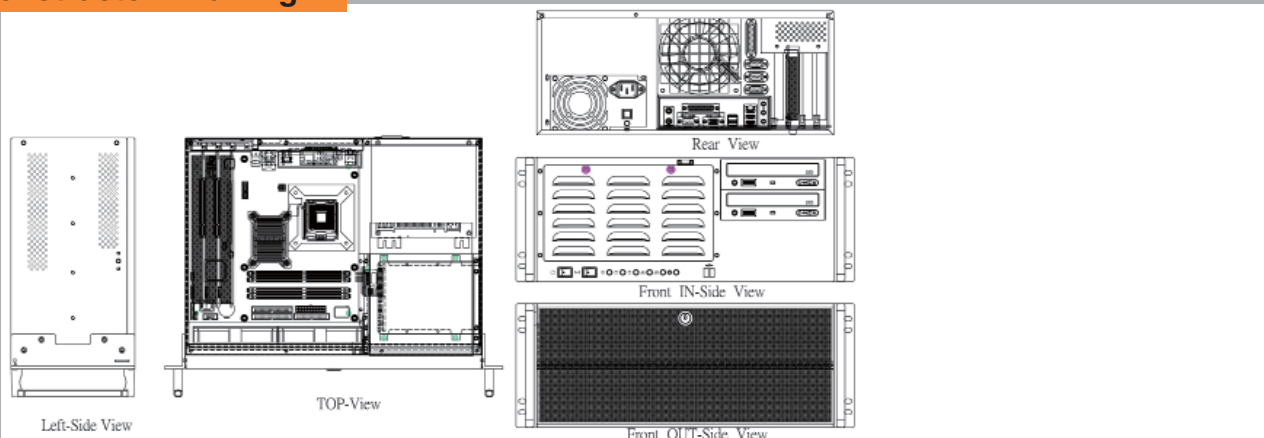
### Weight

- N.W.: N/A
- G.W.: N/A

### Finished

- Black : RAL 9011
- Beige : RAL 7035

## Constructon Drawing



# CLM54-05AL7

17" Depth Chassis



Excellent Thermal Efficiency & System Security Design

Inside View



## Specifications

### Motherboard Specification

- Max to 12"\*13" ATX
- Compliant ATX/SSI EEB 3.61

### Fans Specification

- Front: N/A
- Middle: N/A
- Rear: 2\* Axial(140\*140\*25mm)

### Indicators

- 1xDisk Drive Status LED
- 1xPower LED
- 2xNIC LEDs
- 1x Fan Fault LED

### Material

- SECCESAXZ Meet,RoHs, CE,UL

### Front Panel Access

- 2 USB Ports

### Application Reference

- Web Server
- Firewall Server
- Proxy Server
- VPN Server
- E-Mail Server
- ISP
- DNS Server
- High-end Workstation

### Chassis Dimension

- MM: (W) 424 x (H) 177 x (D) 432
- INCH : (W) 19" x (H) 6.97" x (D) 17"

### Shipping Dimension

- MM: (W) 546 x (H) 307 x (D) 569
- INCH : (W) 21.5" x (H) 12.09" x (D) 22.4"

### Power Supply Space

- Mini-redundant Power Supply
- Single ATX/PS2 Power Supply

### Front Device Bays

- 2x 5.25" CD-ROM
- 1x 3.5" Floppy
- 2x 3.5" Hard Disks

### Switches

- Power On/Off
- Reset On/Off

### Filter

- N/A

### Expansion Slot

- Full Size PCI & PCI Express Card

### Temperatures

0°C~45°C(Operation)

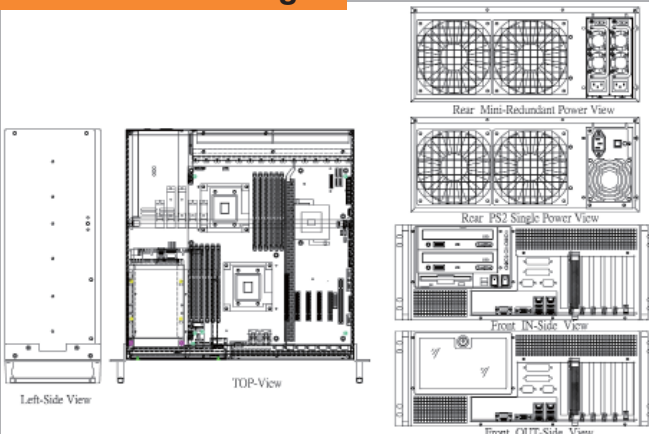
### Weight

- N.W.: N/A
- G.W.: N/A

### Finished

- Black : RAL 9011
- Beige : RAL 7035

## Constructon Drawing



# CLM54-04MAL4

13" Depth Chassis



Excellent Thermal Efficiency & System Security Design

Inside View



## Specifications

### Motherboard Specification

- Max to 9.6"\*9.6"
- Compliant Micro ATX V1.2

### Fans Specification

- Front: 2\* Axial(60\*60\*25mm)
- Middle: N/A
- Rear: 2\* Axial(60\*60\*25mm)

### Indicators

- 2xDisk Drive Status LED
- 1xPower LED
- 2xNIC LEDs
- 1x Fan Fault LED

### Material

- SECCESAXZ Meet,RoHs, CE,UL

### Front Panel Access

- N/A

### Application Reference

- Web Server
- Firewall Server
- Proxy Server
- VPN Server
- E-Mail Server
- ISP
- DNS Server
- High-end Workstation

### Chassis Dimension

- MM: (W) 424 x (H) 177 x (D) 407
- INCH : (W) 19" x (H) 6.97" x (D) 16"

### Shipping Dimension

- MM: (W) 546 x (H) 307 x (D) 549
- INCH : (W) 21.5" x (H) 12.09" x (D) 22.4"

### Power Supply Space

- Single ATX/PS2 Power Supply

### Front Device Bays

- 3x 5.25" CD-ROM
- 1x 3.5" Floppy
- 4x 3.5" Hard Disks

### Switches

- Power On/Off
- Reset On/Off

### Filter

- N/A

### Expansion Slot

- Full Size PCI & PCI Express Card

### Temperatures

0°C~45°C(Operation)

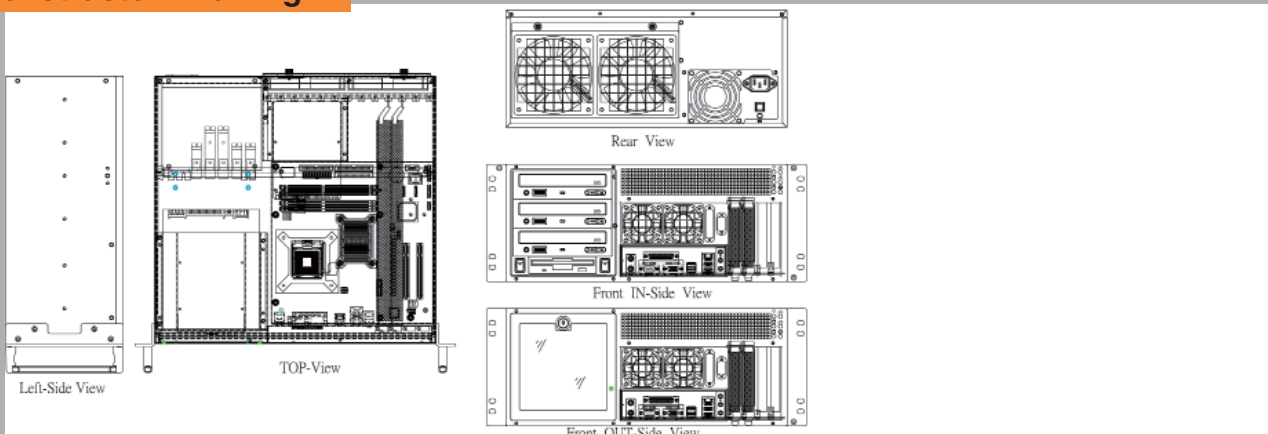
### Weight

- N.W.: N/A
- G.W.: N/A

### Finished

- Black : RAL 9011
- Beige : RAL 7035

## Constructon Drawing



# CLM54-07AL7

18" Depth Chassis



Excellent Thermal Efficiency & System Security Design

## Inside View



## Specifications

### Motherboard Specification

- Max to 12"\*10.6" ATX
- Compliant ATX/SSI CEB 1.1

### Fans Specification

- Front: 2\* Axial(120\*120\*25mm)
- Middle: N/A
- Rear: 1\* Axial(140\*140\*25mm)

### Indicators

- 1xDisk Drive Status LED
- 1xPower LED
- 2xNIC LEDs
- 1x Fan Fault LED

### Material

- SECCESAXZ Meet,RoHs, CE,UL

### Front Panel Access

- 2 Locks
- 2 USB Ports

### Application Reference

- Web Server
- Firewall Server
- Proxy Server
- VPN Server
- E-Mail Server
- ISP
- DNS Server
- High-end Workstation

### Chassis Dimension

- MM: (W) 424 x (H) 177 x (D) 457
- INCH : (W) 19" x (H) 6.97" x (D) 18"

### Shipping Dimension

- MM: (W) 546 x (H) 307 x (D) 594
- INCH : (W) 21.5" x (H) 12.09" x (D) 23.4"

### Power Supply Space

- Mini-redundant Power Supply
- Single ATX/PS2 Power Supply

### Front Device Bays

- 3x 5.25" CD-ROM
- 1x 3.5" Floppy
- 8x 3.5" Hard Disks

### Switches

- Power On/Off
- Reset On/Off

### Filter

- Chemical Fibers Washable

### Expansion Slot

- Full Size PCI & PCI Express Card

### Temperatures

0°C~45°C(Operation)

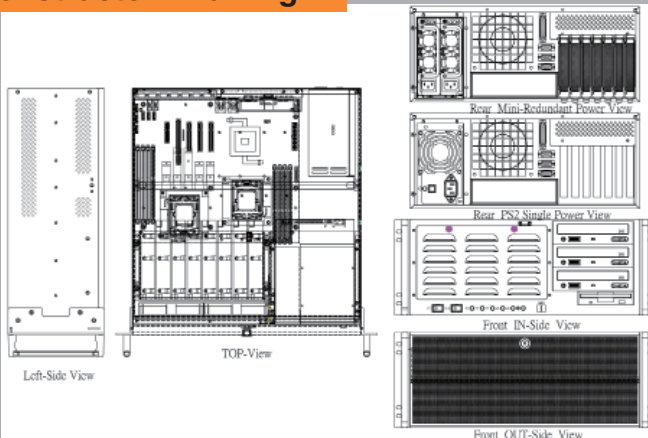
### Weight

- N.W.: N/A
- G.W.: N/A

### Finished

- Black : RAL 9011
- Beige : RAL 7035

## Constructon Drawing



# CLM54-08AL7

20" Depth Chassis



Excellent Thermal Efficiency & System Security Design

Inside View



## Specifications

### Motherboard Specification

- Max to 12"\*10.6"
- Compliant ATX/SSI CEB 1.1

### Fans Specification

- Front: 2\* Axial(60\*60\*25mm)
- Middle: N/A
- Rear: 1\* Axial(60\*60\*25mm)

### Indicators

- 1xDisk Drive Status LED
- 1xPower LED
- 2xNIC LEDs
- 1x Fan Fault LED

### Material

- SECCESAXZ Meet,RoHs, CE,UL

### Front Panel Access

- 2 Locks
- 2 USB Ports

### Application Reference

- Web Server
- Firewall Server
- Proxy Server
- VPN Server
- E-Mail Server
- ISP
- DNS Server
- High-end Workstation

### Chassis Dimension

- MM: (W) 424 x (H) 177 x (D) 508
- INCH : (W) 19" x (H) 6.97" x (D) 20"

### Shipping Dimension

- MM: (W) 546 x (H) 307 x (D) 644
- INCH : (W) 21.5" x (H) 12.09" x (D) 25.35"

### Power Supply Space

- Mini-redundant Power Supply
- Single ATX/PS2 Power Supply

### Front Device Bays

- 4x 5.25" CD-ROM
- 8x 3.5" Hard Disks

### Switches

- Power On/Off
- Reset On/Off

### Filter

- Chemical Fibers Washable

### Expansion Slot

- Full Size PCI & PCI Express Card

### Temperatures

0°C~45°C(Operation)

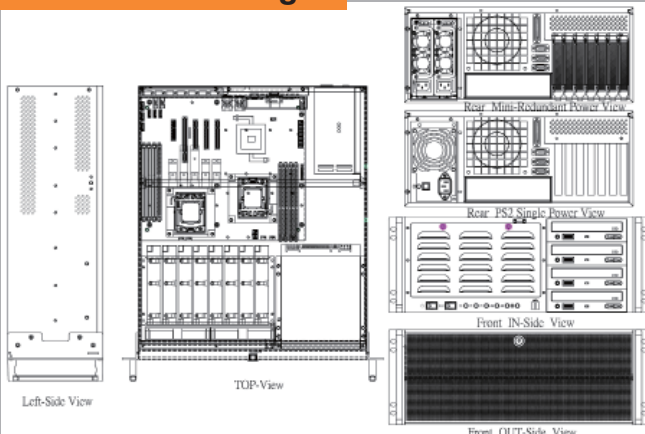
### Weight

- N.W.: N/A
- G.W.: N/A

### Finished

- Black : RAL 9011
- Beige : RAL 7035

## Constructon Drawing



# CLM54-09AL7

26" Depth Chassis



Excellent Thermal Efficiency & System Security Design

## Inside View



## Specifications

### Motherboard Specification

- Max to 12"×13" ATX
- Compliant ATX/SSI EEB 3.61

### Fans Specification

- Front: 2\* Axial(120\*120\*25mm)
- Middle: 3\* Axial(120\*120\*25mm)
- Rear: 1\* Axial(120\*120\*25mm)

### Indicators

- 2xDisk Drive Status LED
- 1xPower LED
- 2xNIC LEDs
- 1x Fan Fault LED

### Material

- SECCESAXZ Meet,RoHs, CE,UL

### Front Panel Access

- 2 Locks
- 2 USB Ports

### Application Reference

- Web Server
- Firewall Server
- Proxy Server
- VPN Server
- E-Mail Server
- ISP
- DNS Server
- High-end Workstation

### Chassis Dimension

- MM: (W) 424 x (H) 177 x (D) 660
- INCH : (W) 19" x (H) 6.97" x (D) 26"

### Shipping Dimension

- MM: (W) 546 x (H) 307 x (D) 783
- INCH : (W) 21.5" x (H) 12.09" x (D) 30.83"

### Power Supply Space

- Mini-redundant Power Supply
- Single ATX/PS2 Power Supply

### Front Device Bays

- 4x 5.25" CD-ROM
- 8x 3.5" Hard Disks

### Switches

- Power On/Off
- Reset On/Off

### Filter

- Chemical Fibers Washable

### Expansion Slot

- Full Size PCI & PCI Express Card

### Temperatures

0°C~45°C(Operation)

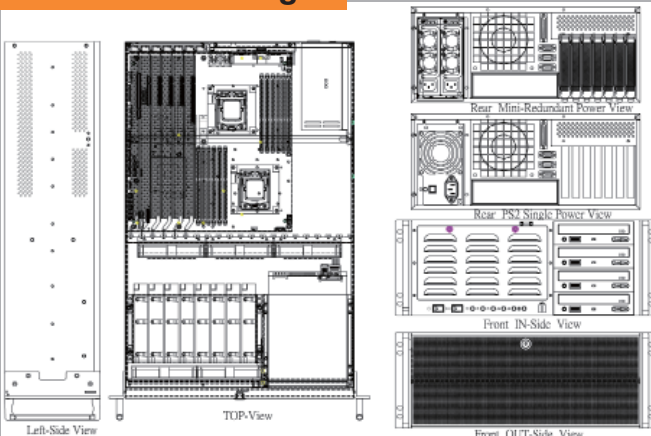
### Weight

- N.W.: N/A
- G.W.: N/A

### Finished

- Black : RAL 9011
- Beige : RAL 7035

## Constructon Drawing



# CLM54-10AL7

21" Depth Chassis



Excellent Thermal Efficiency & System Security Design

Inside View



## Specifications

### Motherboard Specification

- Max to 12"\*13" ATX
- Compliant ATX/SSI EEB 3.61

### Fans Specification

- Front: 2\* Axial(120\*120\*25mm)
- Middle: N/A
- Rear: 1\* Axial(120\*120\*25mm)

### Indicators

- 2xDisk Drive Status LED
- 1xPower LED
- 2xNIC LEDs
- 1x Fan Fault LED

### Material

- SECCESAXZ Meet,RoHs, CE,UL

### Front Panel Access

- 2 Locks
- 2 USB Ports

### Application Reference

- Web Server
- Firewall Server
- Proxy Server
- VPN Server
- E-Mail Server
- ISP
- DNS Server
- High-end Workstation

### Chassis Dimension

- MM: (W) 424 x (H) 177 x (D) 533
- INCH : (W) 19" x (H) 6.97" x (D) 21"

### Shipping Dimension

- MM: (W) 546 x (H) 307 x (D) 670
- INCH : (W) 21.5" x (H) 12.09" x (D) 26.4"

### Power Supply Space

- Mini-redundant Power Supply
- Single ATX/PS2 Power Supply

### Front Device Bays

- 4x 5.25" CD-ROM
- 6x 3.5" Hard Disks

### Switches

- Power On/Off
- Reset On/Off

### Filter

- Chemical Fibers Washable

### Expansion Slot

- Full Size PCI & PCI Express Card

### Temperatures

0°C~45°C(Operation)

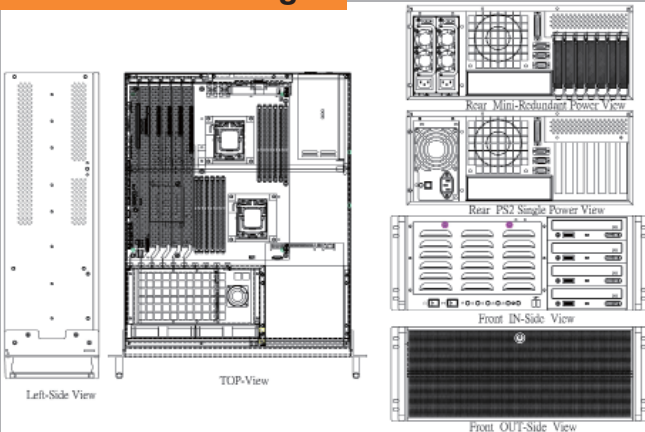
### Weight

- N.W.: N/A
- G.W.: N/A

### Finished

- Black : RAL 9011
- Beige : RAL 7035

## Constructon Drawing



# CLM54-11AL7

21" Depth Chassis



Excellent Thermal Efficiency & System Security Design

## Inside View



## Specifications

### Motherboard Specification

- Max to 12"\*10.6" ATX
- Compliant ATX/SSI CEB 1.01

### Fans Specification

- Front: N/A
- Middle: N/A
- Rear: 1\* Axial(120\*120\*25mm)

### Indicators

- 1xDisk Drive Status LED
- 1xPower LED
- 2xNIC LEDs
- 1x Fan Fault LED

### Material

- SECCESAXZ Meet,RoHs, CE,UL

### Front Panel Access

- 2 Locks

### Application Reference

- Web Server
- Firewall Server
- Proxy Server
- VPN Server
- E-Mail Server
- ISP
- DNS Server
- High-end Workstation

### Chassis Dimension

- MM: (W) 424 x (H) 177 x (D) 533
- INCH : (W) 19" x (H) 6.97" x (D) 21"

### Shipping Dimension

- MM: (W) 546 x (H) 307 x (D) 670
- INCH : (W) 21.5" x (H) 12.09" x (D) 26.4"

### Power Supply Space

- Single ATX/PS2 Power Supply

### Front Device Bays

- 6x 5.25" CD-ROM & 1x 3.5" Floppy
- 5x 3.5" Hard Disks(front)
- 6x 3.5" Hard Disks(Rear)

### Switches

- Power On/Off
- Reset On/Off

### Filter

- N/A

### Expansion Slot

- Full Size PCI & PCI Express Card

### Temperatures

0°C~45°C(Operation)

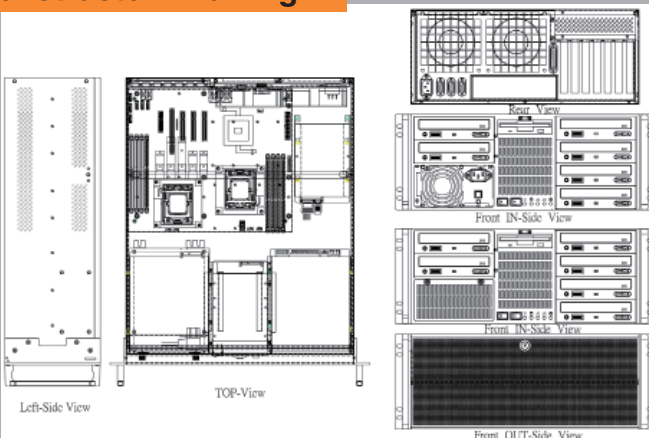
### Weight

- N.W.: N/A
- G.W.: N/A

### Finished

- Black : RAL 9011
- Beige : RAL 7035

## Constructon Drawing





# CLM54-12AL7

26" Depth Chassis



Excellent Thermal Efficiency & System Security Design

## Inside View



## Specifications

### Motherboard Specification

- Max to 12"\*13" ATX
- Compliant ATX/SSI EEB 3.61

### Fans Specification

- Front: N/A
- Middle: N/A
- Rear: 2\* Axial(120\*120\*25mm)

### Indicators

- 2xDisk Drive Status LED
- 1xPower LED
- 2xNIC LEDs
- 1x Fan Fault LED

### Material

- SECCESAXZ Meet,RoHs, CE,UL

### Front Panel Access

- 2 Locks

### Application Reference

- Web Server
- Firewall Server
- Proxy Server
- VPN Server
- E-Mail Server
- ISP
- DNS Server
- High-end Workstation

### Chassis Dimension

- MM: (W) 424 x (H) 177 x (D) 660
- INCH : (W) 19" x (H) 6.97" x (D) 26"

### Shipping Dimension

- MM: (W) 546 x (H) 307 x (D) 783
- INCH : (W) 21.5" x (H) 12.09" x (D) 30.83"

### Power Supply Space

- Single ATX/PS2 Power Supply

### Front Device Bays

- 6x 5.25" CD-ROM & 1x 3.5" Floppy
- 5x 3.5" Hard Disks(front)
- 6x 3.5" Hard Disks(Rear)

### Switches

- Power On/Off
- Reset On/Off

### Filter

- N/A

### Expansion Slot

- Full Size PCI & PCI Express Card

### Temperatures

0°C~45°C(Operation)

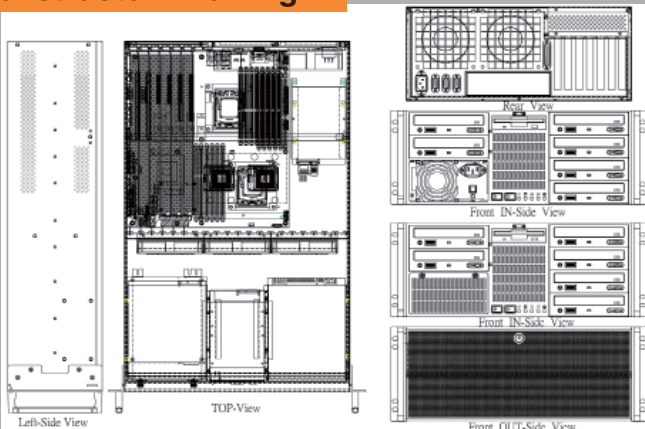
### Weight

- N.W.: N/A
- G.W.: N/A

### Finished

- Black : RAL 9011
- Beige : RAL 7035

## Constructon Drawing



# CLM54-13AL7

21" Depth Chassis



Excellent Thermal Efficiency & System Security Design

Inside View



## Specifications

### Motherboard Specification

- Max to 12"\*10.6" ATX
- Compliant ATX/SSI CEB 1.01

### Fans Specification

- Front: N/A
- Middle: N/A
- Rear: 1\* Axial(120\*120\*25mm)

### Indicators

- 1xDisk Drive Status LED
- 1xPower LED
- 2xNIC LEDs
- 1x Fan Fault LED

### Material

- SECCESAXZ Meet,RoHs, CE,UL

### Front Panel Access

- 2 Locks

### Application Reference

- Web Server
- Firewall Server
- Proxy Server
- VPN Server
- E-Mail Server
- ISP
- DNS Server
- High-end Workstation

### Chassis Dimension

- MM: (W) 424 x (H) 177 x (D) 533
- INCH : (W) 19" x (H) 6.97" x (D) 21"

### Shipping Dimension

- MM: (W) 546 x (H) 307 x (D) 670
- INCH : (W) 21.5" x (H) 12.09" x (D) 26.4"

### Power Supply Space

- Mini-redundant Power Supply
- Single ATX/PS2 Power Supply

### Front Device Bays

- 8x 5.25" CD-ROM
- 1x 3.5" Floppy
- 5x 3.5" Hard Disks

### Switches

- Power On/Off
- Reset On/Off

### Filter

- N/A

### Expansion Slot

- Full Size PCI & PCI Express Card

### Temperatures

0°C~45°C(Operation)

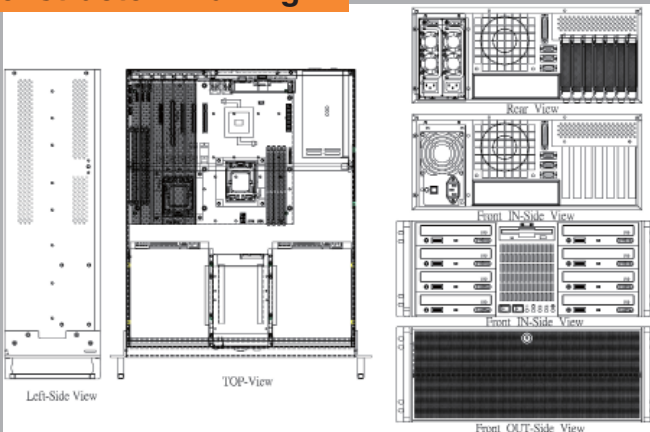
### Weight

- N.W.: N/A
- G.W.: N/A

### Finished

- Black : RAL 9011
- Beige : RAL 7035

## Constructon Drawing



# CLM54-14AL7

21" Depth Chassis



Excellent Thermal Efficiency & System Security Design

Inside View



## Specifications

### Motherboard Specification

- Max to 12"\*10.6" ATX
- Compliant ATX/SSI CEB 1.01

### Fans Specification

- Front: N/A
- Middle: N/A
- Rear: 1\* Axial(120\*120\*25mm)

### Indicators

- 2xDisk Drive Status LED
- 1xPower LED
- 2xNIC LEDs
- 1x Fan Fault LED

### Material

- SECCESAXZ Meet,RoHs, CE,UL

### Front Panel Access

- 2 Locks

### Application Reference

- Web Server
- Firewall Server
- Proxy Server
- VPN Server
- E-Mail Server
- ISP
- DNS Server
- High-end Workstation

### Chassis Dimension

- MM: (W) 424 x (H) 177 x (D) 533
- INCH : (W) 19" x (H) 6.97" x (D) 21"

### Shipping Dimension

- MM: (W) 546 x (H) 307 x (D) 670
- INCH : (W) 21.5" x (H) 12.09" x (D) 26.4"

### Power Supply Space

- Mini-redundant Power Supply
- Single ATX/PS2 Power Supply

### Front Device Bays

- 10x 5.25" CD-ROM

### Switches

- Power On/Off
- Reset On/Off

### Filter

- N/A

### Expansion Slot

- Full Size PCI & PCI Express Card

### Temperatures

0°C~45°C(Operation)

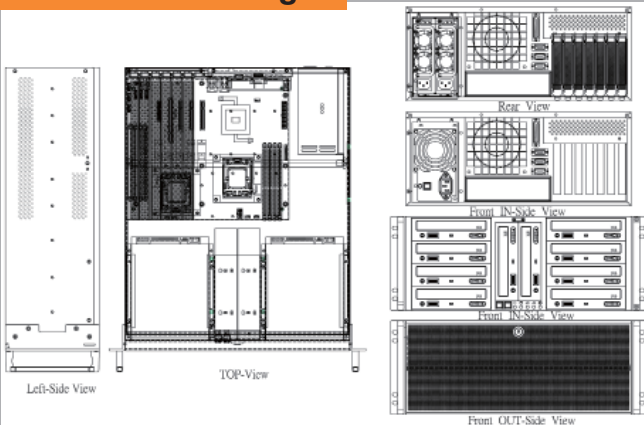
### Weight

- N.W.: N/A
- G.W.: N/A

### Finished

- Black : RAL 9011
- Beige : RAL 7035

## Constructon Drawing



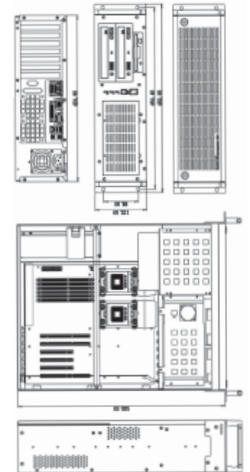
# 3U & 4U IPC Chassis Variants

## 3U CLM-7334A/AR For 12" x 13" ATX M/B



### Specifications

- Material: SPEG
  - Meet F.C.C Class A & CE
  - Mainboard ATX :Extended Max to 12"X13"
  - Card Height: Max to 105 mm Height
  - Drive Bays: 1X3.5"FDD & 2X5.25"CD-ROM & 4X3.5"HDD
  - An Extruded Aluminum round Shaft Bar fixed 3 size of adjustable pressing clamps, patent pended.
  - Power Supply: Single ATX: SPX-6300/6400 or P2U-6300P/6400P, or MB-650VA
  - REDUNDANT ATX :SPR-2323 2 x 300W or R2G-6300 2x 320W
  - Removable Device Bay cage
  - Fans: 2 pcs 9X9X2.5cm & 2 pcs 6X6X2.5cm
  - Washable air-filter
  - Lockable front door , patent pended
  - Assembly Parts Included
  - Dimension:19" x 21" x 5.25"(W x D x H)
  - Shipping Dimensions: 1 PC/CTN/3.3 CUFT/560 X670X250mm
  - Weight : N.W.:12.5KGS G.W.:15KGS
  - Finished : Coating in Color RAL7035(Beige) RAL9011(Black)
- Pended No: Taiwan 195808 , 0190252 , 0314216  
 Germany 20104717.9  
 US 6,409,518 B1  
 China ZL01232530.9 , 498979

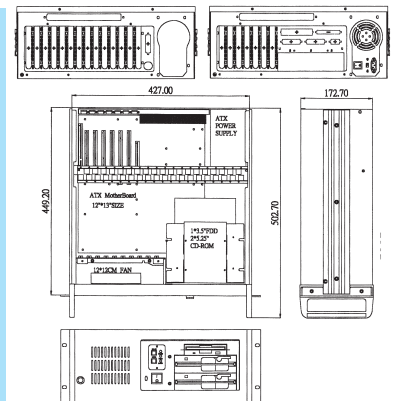


## 4U CLM-922A/S For ATX M/B or 14 Slots PCI/ISA Backplane



### Specifications

- Material: SPEG
  - Meets F.C.C Class A & CE
  - Model No: CLM-922A for ATX M/B 9.6" x 12" CLM-922S for PCI/ISA 14 Slot Backplane 9 long cards
  - Drive Bays: 2 x 5.25", 1 x 3.5" FDD, 1 x 3.5" HDD
  - Fan: 1 x 12 x 12 x 2.5 (CM)
  - Power Supply:PS2 AT/ATX 200-400W
  - Washable air-filter
  - Removable Device Bay cage
  - Lockable Front door
  - 4 Sets against vibrator , patent pended
  - An Extruded Aluminum round Shaft Bar fixed 3 size of adjustable pressing clamps, patent pended.
  - A pair of slide rail decorations
  - Assembly Parts Included
  - Dimension:19" x 18" x 7" (W x D x H)
  - Shipping Dimensions: 1 PC/CTN/4.0CUFT
  - Weight : N.W.:14.5 KGS G.W.:17.0 KGS
  - Finished : Coating in Color RAL7035(Beige) RAL9011(Black)
- Pended No: Taiwan 0190252 , 0314216 , 0168278  
 Germany 20104717.9  
 US 6,409,518 B1  
 China 01208311.9

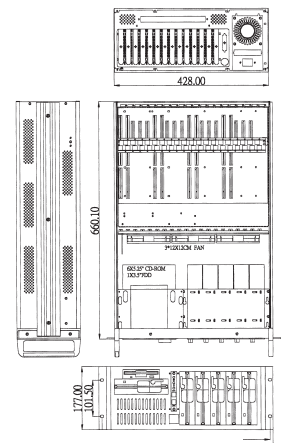


## 4U CLM-935S For 20 Slots PCI/ISA Backplane



### Specifications

- Material: SPEG
  - Meets F.C.C Class A & CE
  - Backplane : 14, 20 Slots PCI / ISA in Long Card
  - Drive Bays: 6 X 5.25", 1 X 3.5"
  - An Extruded Aluminum round Shaft Bar fixed 3 size of adjustable pressing clamps, patent pended.
  - 6 Sets Against-Vibrators , patent pended
  - Power Supply : PS2 TYPE, AT 200W~400W HIDDEN IN FRONT
  - Fans : 3 pcs X 12 X 12 (CM)
  - Removable Device Bay's cage
  - Washable air-filter
  - A pair of slide rail decorations
  - Assembly Parts Included
  - Dimension : 19" X 26" X 7" (W X D X H)
  - Shipping Dimensions : 1PC/CTN/4.7CUFT/545 X815 X300
  - Weight : N.W : 16 KGS G.W : 19 KGS
  - Finished : Coating in Color RAL7035(Beige) RAL9011(Black)
- Pended No: Taiwan 0190252 , 0314216 , 0314216 , 0168278  
 Germany 20104717.9  
 US 6,409,518 B1  
 China 01208311.9 , 498979



# 4U IPC Chassis Variants

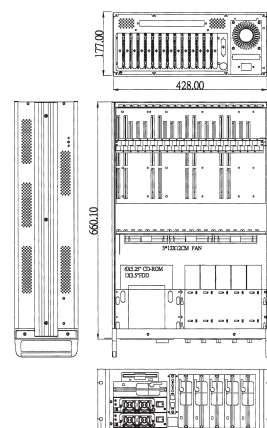
## 4U CLM-936S For 20 Slots PCI/ISA Backplane



### Specifications

- Material: SPEG
- Meets F.C.C Class A & CE
- Backplane : 14, 20 Slots PCI / ISA in Long Cards
- Drive Bays : 6 x 5.25", 1 X 3.5"
- An Extruded Aluminium round Shaft Bar fixed 3 size of adjustable pressing clamps, patent pended.
- 6 Sets Against-Vibrators , patent pended
- Power Supply :  
AT Mini Redundant in Front 2X256W~2X350W
- Fans : 3 pcs X 12 X 12 (CM)
- Removable Device Bay cage
- Washable air-filter
- A pair of slide rail decorations
- Assembly Parts Included
- Dimension : 19" X 26" X 7" (W x D x H)
- Shipping Dimensions :  
1PC/CTN/4.7CUFT/545 X815 X300mm
- Weight : N.W.:16KGS G.W.:19KGS
- Finished : Coating in Color RAL7035(Beige)  
RAL9011(Black)

Pended No: Taiwan 0190252, 0314216, 0168278  
Germany 20104717.9  
US 6,409,518 B1  
China 01208311.9, 498979



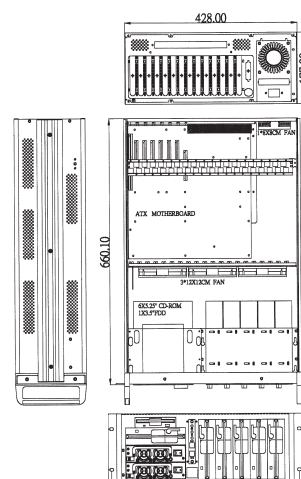
## 4U CLM-937A/S For ATX M/B or 14 Slots PCI/ISA Backplane



### Specifications

- Material: SPEG
- Meets F.C.C Class A & CE
- CLM-937A :  
For Extended ATX M/B extended Max to 12"x13"
- CLM-937S :  
20 Slots Backplane in Long Card
- Drive Bays : 6 X 5.25", 1 X 3.5"
- An Extruded Aluminium round Shaft Bar fixed 3 size of adjustable pressing clamps, patent pended.
- 6 Sets Against-Vibrators , patent pended
- Power Supply :  
Mini Redundant 300W or 400W in Front
- Fans : 3 pcs X 12 X 12 (CM)
- Removable Device Bay cage
- Washable air-filter
- A pair of slide rail decorations
- Assembly Parts Included
- Dimension : 19" X 26" X 7" (W x D x H)
- Shipping Dimensions :  
1PC/CTN/4.7CUFT/545 X815 X300mm
- Weight : N.W: 15 KGS G.W: 18.0 KGS
- Finished : Coating in Color RAL7035(Beige)  
RAL9011(Black)

Pended No: Taiwan 0190252, 0314216, 0168278  
Germany 20104717.9  
US 6,409,518 B1  
China 01208311.9, 498979



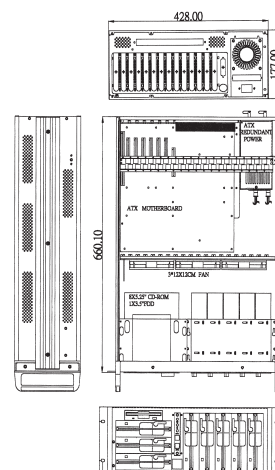
## 4U CLM-938A/S For ATX M/B or 14 Slot PCI/ISA Backplane



### Specifications

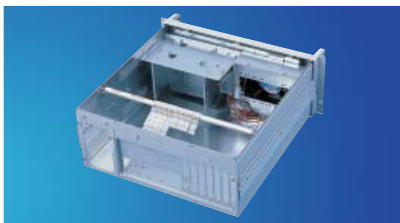
- Material: SPEG
- Meets F.C.C Class A & CE
- CLM-938A : For ATX Mainboard extended to 12"x13"
- CLM-938S : For 14 Slots Backplane 14 Long Card
- Drive Bays : 8 X 5.25", 1 X 3.5"
- An Extruded Aluminium round Shaft Bar fixed 3 size of adjustable pressing clamps, patent pended.
- 6 Sets Against-Vibrators , patent pended
- Power Supply :  
PS2 TYPE ATX 300W or 400W or 500W eps  
24 pin+8pin connector as request or Mini Redundant
- Fans : 3 pcs X 12 X 12 (CM)
- Removable Device Bay cage
- Washable air-filter
- A pair of slide rail decorations
- Assembly Parts Included
- Dimension : 19" X 26" X 7" (W x D x H)
- Shipping Dimensions :  
1PC/CTN/4.7CUFT/545 X815 X300mm
- Weight : N.W: 16 KGS G.W: 19.0 KGS
- Finished : Coating in Color RAL7035(Beige)  
RAL9011(Black)

Pended No: Taiwan 0190252, 0314216, 0168278  
Germany 20104717.9  
US 6,409,518 B1  
China 01208311.9, 498979



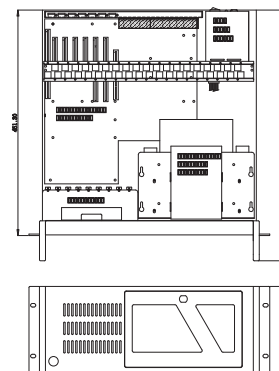
# 4U IPC Chassis Variants

## 4U CLM-970A/S, CLM-975A/S For ATX M/B or 14 Slots PCI/ISA Backplane



### Specifications

- Material: SPEG
  - Meets F.C.C Class A & CE
  - Model No:  
CLM-970A/975A for ATX M/B Extended Max to 12"x13"  
CLM-970S/975S for 14 Slots PCI/ISA Backplane 10 Long Cards
  - Drive Bays:  
3 x 5.25" CD-ROM, 1 x 3.5" FDD, 2 x 3.5" HDD
  - An Extruded Aluminum round Shaft Bar fixed 3 size of adjustable pressing clamps, patent pending.
  - 4 Sets against vibrators, patent pending
  - Power Supply: PS2 : AT/ATX or Mini Redundant
  - Fan: 1 pc x 12 x 12 x 2.5 (CM)
  - Removable Device Bay cage
  - Lockable Front door
  - Washable air-filter
  - A pair of slide rail decorations
  - Assembly Parts Included
  - Dimension: CLM-970A/S: 19" x 18" x 7"  
CLM-975A/S: 19" x 20" x 7"
  - Shipping Dimensions: 3.7 CUFT
  - Weight : N.W.: 14.5 / 15 KGS G.W.: 17 / 17.5 KGS
  - Finished : Coating in Color RAL7035(Beige)  
RAL9011(Black)
- Pended No: Taiwan 0190252, 0314216, 0168278  
Germany 20104717.9  
US 6,409,518 B1  
China 01208311.9, 498979

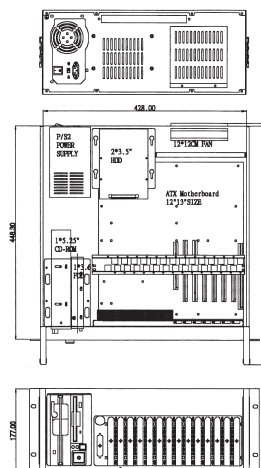


## 4U CLM-971A For ATX M/B Window Slot in Front



### Specifications

- Material: SPEG
  - Meets F.C.C Class A & CE
  - Mainboard : ATX 9.6" x 12"
  - Drive Bays: 1 x 3.5" FDD, 3 x 3.5" HDD, 1 x 5.25" CD-ROM
  - An Extruded Aluminum round Shaft Bar fixed 3 size of adjustable pressing clamps, patent pending.
  - Fan: 1 pc x 12 x 12 x 2.5 (CM)
  - Power Supply: PS2 ATX 200-400W
  - Removable Device Bay cage
  - Switches : Power ON/OFF, Buzzer Reset System Reset ON/OFF
  - Lockable Front door
  - Washable air-filter
  - A pair of slide rail decorations
  - Assembly Parts Included
  - Dimension: 19" x 18" x 7" (WxDxH)
  - Shipping Dimensions: 1PC/CTN/3.7CUFT
  - Weight : N.W.: 14.5KGS G.W.: 17KGS
  - Finished : Coating in Color RAL7035(Beige)  
RAL9011(Black)
- Pended No: Taiwan 0190252, 0314216, 0168278  
Germany 20104717.9  
US 6,409,518 B1  
China 01208311.9, 498979

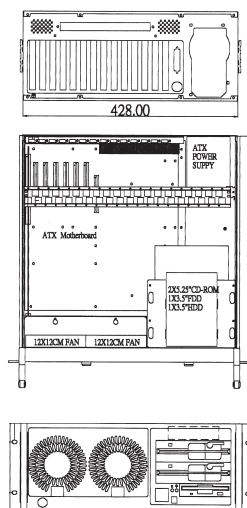


## 4U CLM-972A/S For ATX M/B or 14 Slots PCI/ISA Backplane



### Specifications

- Material: SPEG
  - Meets F.C.C Class A & CE
  - Model No:  
CLM-972A: For ATX M/B extended Max to 12"x13"  
CLM-972S: For 14 Slots Backplane, 12 long cards
  - An Extruded Aluminum round Shaft Bar fixed 3 size of adjustable pressing clamps, patent pending.
  - Drive Bays : 2 X 5.25" CD-ROM, 1 X 3.5" FDD, 1 X 3.5" HDD
  - Fans: 2 pcs x 120x120x25mm
  - 4 Sets against vibrators, patent pending
  - Power Supply : PS2 TYPE AT/ATX
  - Removable Device Bay cage
  - Switches : Power ON/OFF, Buzzer Reset System Reset ON/OFF
  - Lockable Front doors
  - Washable air-filter
  - A pair of slide rail decorations
  - Assembly Parts Included
  - Dimension : 19" X 18" X 7" (W x D x H )
  - Shipping Dimensions : 3.7CUFT
  - Weight : N.W : 14.5 KGS G.W : 17.0 KGS
  - Finished : Coating in Color RAL7035(Beige)  
RAL9011(Black)
- Pended No: Taiwan 0190252, 0314216, 0168278  
Germany 20104717.9  
US 6,409,518 B1  
China 01208311.9, 498979



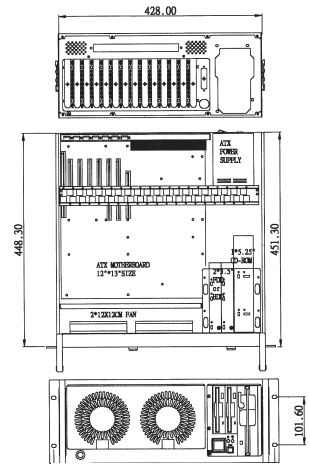
# 4U IPC Chassis Variants

## 4U CLM-973A/S For ATX M/B or 14 Slots PCI/ISA Backplane



### Specifications

- Material: SPEG
  - Meets F.C.C Class A & CE
  - Model No:  
CLM-973A: For ATX M/B extended Max to 12"x13" M/B  
CLM-973S: For 14 Slots Backplane 14 long cards
  - An Extruded Alumium round Shaft Bar fixed 3 size of adjustable pressing clamps, patent pended.
  - Drive Bays :  
1 X 5.25" FDD, 1 X 3.5" FDD, 1 X 3.5" HDD
  - Fans: 2pcs X 12 X 12 X 2.5 (CM)
  - 4 Sets against vibrators , patent pended
  - Power Supply : PS2 AT/ATX
  - Removable Device Bay cage
  - Switches : Power ON/OFF, Buzzer Reset  
System Reset ON/OFF
  - Lockable Front doors
  - Washable air-filter
  - A pair of slide rail decorations
  - Assembly Parts Included
  - Dimension : 19" X 18" X 7" (W x D x H )
  - Shipping Dimensions : 3.7CUFT
  - Weight : N.W : 14.5 KGS G.W : 17.0 KGS
  - Finished : Coating in Color RAL7035(Beige)  
RAL9011(Black)
- Pended No: Taiwan 0190252 , 0314216 , 0168278  
Germany 20104717.9  
US 6,409,518 B1  
China 01208311.9 , 498979

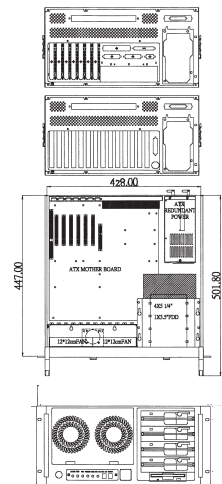


## 5U CLM-977A/S ATX M/B or 14 Slots Backplanes



### Specifications

- Material: SPEG
  - Meets F.C.C Class A & CE
  - CLM-977A for ATX M/B Extended Max to 9.6"x12"
  - CLM-977S for 14 Slots PCI/ISA Backplane for 12 Long Card
  - Drive Bays: 4 x 5.25" & 1 x 3.5"
  - 4 Sets against vibrators , patent pended
  - Fans: 2 pcs x 120 x 120 x 25 mm
  - An Extruded Alumium round Shaft Bar fixed 3 size of adjustable pressing clamps, patent pended.
  - Power Supply:PS2 AT/ATX or Mini Redundant EPS Version  
24 PINS + 8 PINS Connector as request
  - Removable Device Bay's cage
  - Switches: Power ON/OFF, Buzzer Reset
  - Lockble Front doors
  - Washable air-filter
  - A pair of slide rail decorations
  - Assembly Parts Included
  - Dimension:19" x 18" x 8.75" (W x D x H)
  - Shipping Dimensions:  
1PC/CTN/4.3CUFT/555 X600 X365mm
  - Weight : N.W.:17.5 KGS G.W.:20.0 KGS
  - Finished : Coating in Color RAL7035(Beige)  
RAL9011(Black)
- Pended No: Taiwan 0314216 , 0168278  
Germany 2014717.9

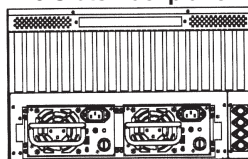


# 6U IPC Chassis Variants

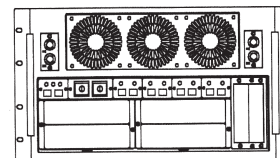
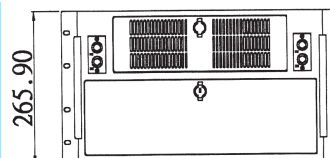
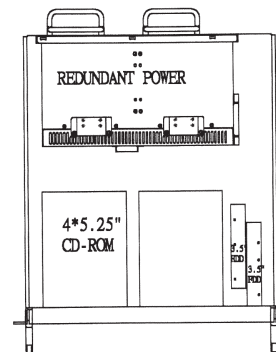
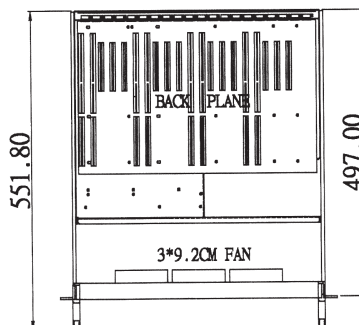
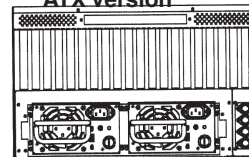
## 6U CLM-986A/S For ATX M/B or 20 Slots PCI/ISA Backplane



20 Slots Backplane



ATX Version



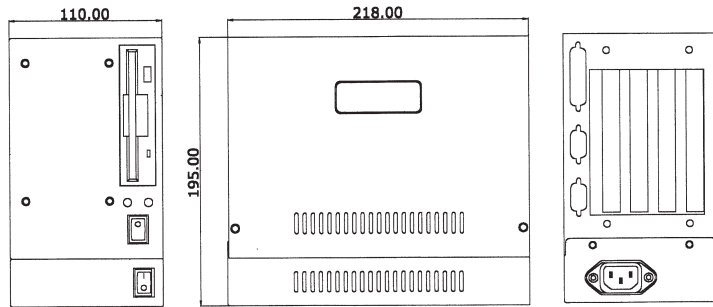
- Material: SPEG
- Meets F.C.C Class A & CE
- Model No:
  - CLM-986A: For ATX M/B Extended Max to 12"x13"
  - CLM-986S: For 20 Slots PCI/ISA Backplane, 20 Long Cards
- Device Bays :
  - 4 X 5.25" in Front, 2 X 5.25" in Rear, 2 X 3.5" FDD
- An Extruded Alumium round Shaft Bar fixed 3 size of adjustable pressing clamps, patent pended
- Removable Device Bay cage
- Switches: Power ON/OFF, Buzzer Reset
- Lockable Front doors
- Washable air-filter
- Fans : 3 pcs X 92 X 92 X 25 (mm)
- Power Supply : AT/ATX PS2 or DUAL Mini Redundant 300W~500W(Horizontal type)
- A pair of slide rail decorations
- Assembly Parts Included
- Dimension : 19" X 20" X 10.5" (W x D x H)
- Shipping Dimensions : 1PC/CTN/5.2CUFT/555 X650 X410mm
- Weight : N.W : 18.0 KGS G.W : 20.5 KGS
- Finished : Coating in Color RAL7035(White) RAL9011(Black)

Pended No: Taiwan 0190252 , 0168278  
 Germany 20104717.9  
 US 6,409,518 B1  
 China 01208311.9 , 498979



# Compact Chassis Variants

## CLM-903S Wallmount IPC /Compact Chassis for 3 or 4 Slots B/P



### 3 OR 4 SLOTS B/P WALLMOUNT IPC CASE

#### Specifications:

- Material: SPEG
- Meets F.C.C. Class A & CE
- HALF SIZE CPU CARD
- Drive Bays: 1 x 2.5" HDD or 1 x 3.5" HDD & 1 x 3.5" FDD
- Reset and Power Switches and H.D.D. & Power LED
- 2 x 9 PINS & 1 x 25 PINS BLANKING KIT FOR PRINTER'S CONNECTORS
- Power Supply: AT 40W UNIVERSAL
- Assembly Parts: I/O kits & screws
- Dimension: 110 x 218 x 195 (W x D x H) (M/M)
- Shipping Dimensions: 1 PC/CTN/0.6 CUFT
- N.W.: 2.0 KGS
- G.W.: 2.2 KGS
- Finished : Coating in Color RAL7035(Beige)or RAL9011(Black)



## CLM-903M Wallmount IPC /Compact Chassis for 3 or 4 Slots B/P



### 3 OR 4 SLOTS B/P WALLMOUNT IPC CASE

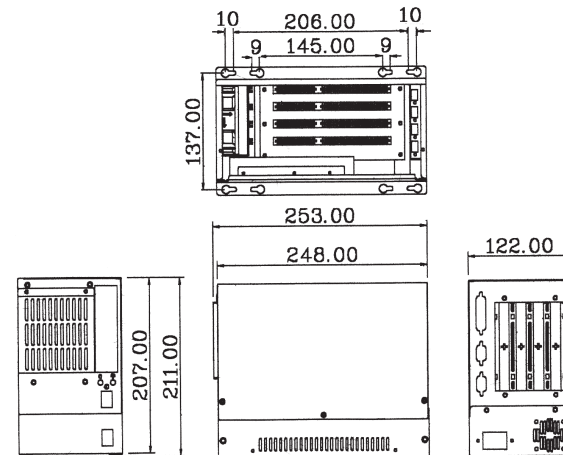
#### Specifications:

- Material: SPEG
- Meets F.C.C. Class A & CE
- HALF SIZE CPU CARD
- Drive Bays: 1 x 2.5" (HIDDEN) 1 x 3.5" OPENING
- SNAPPED FILTER DOOR
- Fan: 1 x 8 x 8 (CM) BALL BEARING
- Reset and Power Switches and H.D.D. & Power LED
- 2 x 9 PINS & 1 x 25 PINS BLANKING KIT FOR PRINTER'S CONNECTORS
- Power Supply: AT 65W/120W UNIVERSAL
- Assembly Parts: I/O kits & screws
- Dimension: 140 x 250 x 220 (W x D x H) (M/M)
- Shipping Dimensions: 1 PC/CTN/0.6 CUFT
- N.W.: 3.3 KGS G.W.: 4.5 KGS
- Finished : Coating in Color RAL7035(Beige)or RAL9011(Black)



# Compact Chassis Variants

## CLM-904S Wallmount IPC /Compact Chassis for 3 or 4 Slots B/P

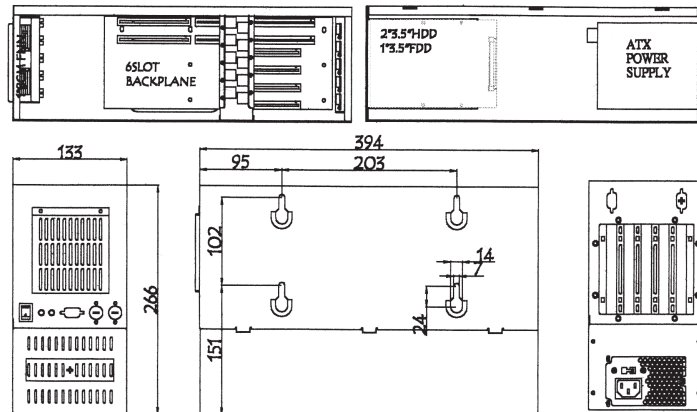


### 3 OR 4 SLOTS B/P WALLMOUNT IPC CASE

- Material: SPEG
- Meets F.C.C. Class A & CE
- HALF SIZE CPU CARD
- Drive Bays: 1 x 2.5" OR 1 x 3.5" HDD & 1 x 3.5" FDD
- Fan: 1 x 8 x 8 (CM) , 1 x 4 x 4 (CM)
- Washable air-filter
- Switches: Power ON/OFF & Reset on Front Panel Power LED & HDD LED
- Reset and Power Switch and H.D.D. & Power LED
- 2 x 9 PINS & 1 x 25 PINS Blanking kit for printer's connectors
- Power Supply: AT 65W /120W Universal
- Assembly Parts: I/O kits & screws
- Dimension: 120 x 250 x 210 (W x D x H) (M/M)
- Shipping Dimensions: 1 PC/CTN/0.7 CUFT/210 X275 X33mm
- N.W.: 2.5 KGS                      G.W.: 3 KGS
- Finished : Coating in Color RAL7035(Beige) or RAL9011(Black)



## CLM-994S Wallmount IPC /Compact Chassis for 5 Slots B/P



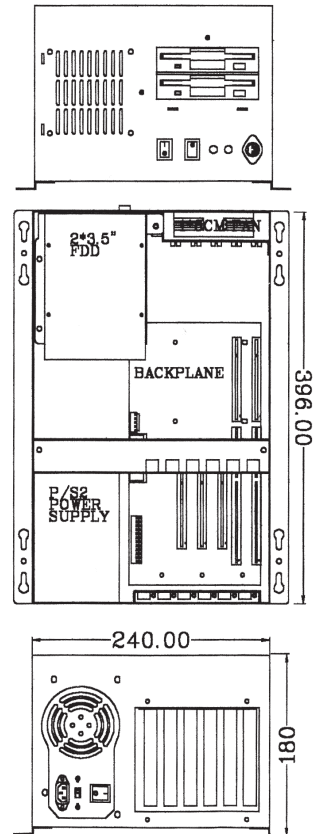
### 5 SLOTS B/P WALLMOUNT IPC CASE

- Material: SPEG
- Meets F.C.C. Class A & CE
- 5 Slots Long Cards
- Drive Bays: 1 x 3.5" FDD, 2 x 3.5" HDD
- 5 x Rubber Buffers Holder For ISA/PCI Card
- Fan: 1 x 8 x 8 (CM)
- Washable air-Filter
- Switches: Power ON/OFF & Reset on Front Panel Power LED & HDD LED
- 2 x 9 PINS Blanking Kits for printer connector
- Power Supply: Universal AT 65W/90W/120W
- Assembly Parts: I/O kits & screws
- Dimension: 178 x 399 x 333 (W x D x H) (M/M)
- Shipping Dimensions: 1 Set/CTN/0.9 CUFT
- N.W.: 5.5 KGS                      G.W.: 6.0 KGS
- Finished : Coating in Color RAL7035(Beige) or RAL9011(Black)



# Compact Chassis Variants

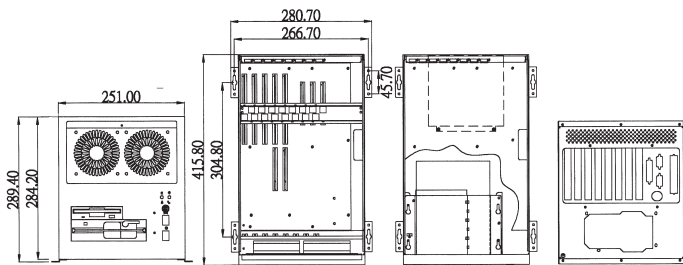
## CLM-906S Wallmount IPC /Compact Chassis for 6 Slots B/P



### FOR 6 SLOTS B/P WALLMOUNT IPC CASE

- Material: SPEG
- Meets F.C.C. Class A & CE
- Slots: 5 Long Cards & 1 Short Cards
- Power Supply: PS2 TYPE/AT/ATX 150W~400W
- Drive Bays: 2 x 3.5" FDD, 2 x 3.5" HDD
- Switches: Power ON/OFF & Reset Switch ON Front Panel
- Fan: 1 x 92 x 92 mm Removable
- Lockable Filter door
- Washable air-Filter
- Power LED & HDD LED
- Assembly Parts: I/O kits & screws
- Dimension: 240 x 390 x 180 (W x D x H)
- Shipping Dimension: 1 PC/CTN/1.45 CUFT/260 X325 X485mm
- N.W.: 6.5 KGS      G.W.: 7.0 KGS
- Finished : Coating in Color RAL7035(Beige) or RAL9011(Black)

## CLM-908MA/S Wallmount IPC /Compact Chassis for 8 Slots B/P



### FOR 8 SLOTS B/P WALLMOUNT OR AT/ Micro-ATX M/B Specifications:

- Material: SPEG
- Meets F.C.C. Class A & CE
- CLM-908MA : Micro-ATX M/B as request
- CLM-908S : Blackplane M/B
- Power Supply: PS2 TYPE, AT/ATX 200~400W
- Drive Bays: 1 x 5.25", 1 x 3.5" FDD, 1 x 3.5" HDD
- Switches: Power ON/OFF & Reset Switch ON Front Panel
- Washable air-Filter
- Power LED & HDD LED
- 4 Sets Against Vibrators , (patent pending)
- Fans: 2 x 92 x 92 mm Removable
- Lockable Filter door
- Assembly Parts: I/O kits & screws
- Dimension: 250 x 415 x 285MM (W x D x H)
- Shipping Dimensions: 1 PC/CTN/2.2 CUFT/372 X510 X330mm
- N.W.: 7.5 KGS/ G.W.: 9.0 KGS
- Finished : Coating in Color RAL7035(Beige) or RAL9011 (Black)



# KVM & Keyboard Drawer

## SSL-91178KVM 16 ports K/B Drawer with 17" LCD



### Specifications:

- Construction heavy-duty and cold-rolled steel
- 17" TFT LCD display, Resolution: 1280x1024  
Brightness: 250 cd/m<sup>2</sup>, LCD MTBF: 20,000hrs  
LCD Brand: Hitachi
- LEDs: power on/off on screen
- Color adjustment, H/V position, size on screen.
- Display Area: 341.3mm x 274.5mm
- Display Color: 16.7M, Contrasting Ratio: 400:1
- Viewing Angle(H): +85,-85, Viewing Angle(V): +85,-85
- Power Supply: built-in AC Adapter, Max 48W
- Rail Slider: 1set(2pcs), heavy-duty steel
- 105 keys keyboard, Touchpad, Pen  
Microsoft Mouse compatible with Ps/2 mouse interface or USB
- Power Supply Optional(DC 9V, 600mA)
- KVM Switch 8 or 16 port
- Connected CPU capacity up to 999 computers
- Methods of control, Front panel button, Hot-key, OSD, Remote control  
Front panel, Twin Led, 8 buttons
- Hot plug-and-play
- Automatic scan interval 1-255 seconds
- On-screen display
- VGA resolution 2048x1536
- Max cable length 30m at Console, 35m at PC
- Keyboard & Mouse & Monitor connector: HD-DB15
- Operating temperature: 0C ~ 40C
- Dimension: 640mm(D)x430mm(W)x44mm(H)

## SSL-91158KVM 8 ports K/B Drawer with 15" LCD



### Specifications:

- 1U Height designed to save Rack space
- 15" high brightness TFT LCD display  
Resolution:1024x768  
Brightness:200 cd/m<sup>2</sup>  
LCD MTBF:50,000 hrs
- 88 standard keys with slim size keyboard,supports English ,Japanese, German, French, Italian keyboard.
- Mouse pad with two key buttons.
- Audio input via two internal speakers(1W speaker with speaker on/off switch)
- Built-in OSD(On Screen Display)for user adjustment, including H/V position,Size,...etc.
- Front panel with buckle lock.
- Power Supply:  
Built-in universal AC input adapter, 100VAC~240VAC input, 12V@3.8A output.  
ACE-802T, 36VDC~72VDC input, 12V@2A output.  
ACE-802C, 20VDC~30VDC input, 12V@2A output.
- Dimension: 29" X24" X7.5"
- Color: Standard color are Black(Pantone Black C) or White(Pantone 413C)
- Vibration: 5~17Hz, 0.1" double amplitude displacement  
17~640Hz, 1.5G acceleration peak to peak
- Shock: 10G acceleration peak to peak(11ms)
- Depth: 525mm
- Operation Temperature: 0C~50C
- Relative Humidity: 5-95% non-condensing.
- Net/GW: 14.3(kg)

## 1U, Keyboard Drawer for 2 pair of mounting angles 19"(482.6mm)

- CLM-9110 drawer only
- CLM-911 drawer & IPC keyboard.
- CLM-912 drawer & IPC keyboard set & libra trackball set.
- CLM-913 drawer & Touchpad IPC keyboard set
- CLM-912-1 drawer & track Ball built-in wireless keyboard set
- CLM-9101 drawer with mouse PAD plate only
- CLM-9101-1 with mouse PAD plate & IPC keyboard set
- CLM-9101-2 drawer with mouse PAD plate & IPC keyboard & Mouse set

### Features:

For mounting between 2 pair of mounting angles. The drawer built Telescopic sliders on both sides to put IPC keyboard in whilst operating computer system free-holding to key-in data stability.  
Shipping Dimension:1.6CUFT/CTN/570 X 625 X138mm  
Keyboard Dimension:(W)424 X(D)230 X(H)40  
Material: sheet steel

Finished: Coating in color RAL7035(Beige) or RAL9011(Black) as request

CLM Part No.	IPC keyboard	TRACK BALL	Touchpad	Mouse
CLM-9110	X	X	X	X
CLM-911	•	X	X	X
CLM-912	•	•	X	X
CLM-913	•	X	•	X
CLM-912-1	wireless	•	X	X
CLM-9101	X	X	X	X
CLM-9101-1	•	X	X	X
CLM-9101-2	•	X	X	•



CLM-9110



CLM-911



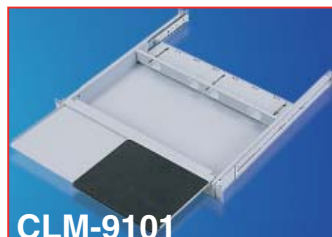
CLM-912



CLM-912-1



CLM-913



CLM-9101



CLM-9101-1



CLM-9101-2

# Rail & Bracket Variety

**2 Sections Telescopic Ball-Bearing Server Rail for ODD "U" Component**

**CLM-882051-XXX**



**2 Sections Telescopic Ball-Bearing Server Rail for Even "U" Component**

**CLM-882052-XXX**



**3 Sections Telescopic Ball-Bearing Server Rail for ODD "U" Component**

**CLM-882053-XXX**



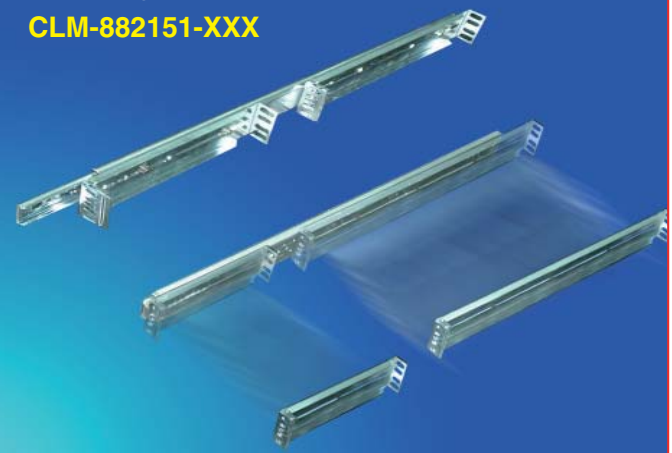
**3 Sections Telescopic Ball-Bearing Server Rail for Even "U" Component**

**CLM-882054-XXX**



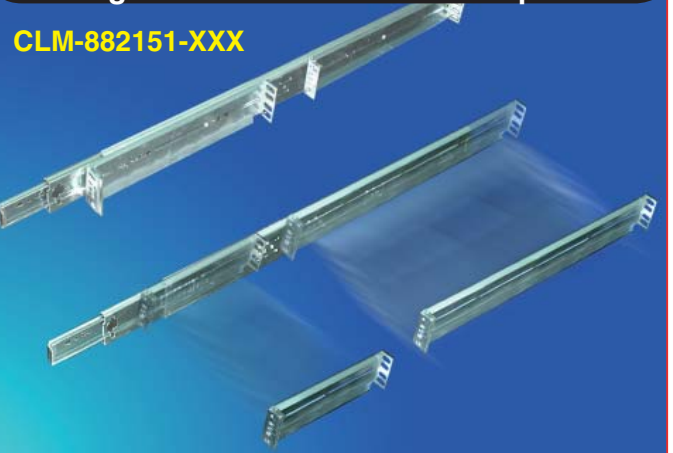
**Multi-Function 2 Sections Telescopic Ball-Bearing Server Rail for all "U" component**

**CLM-882151-XXX**



**Multi-Function 3 Section Telescopic Ball-Bearing Server Rail for all "U" Component**

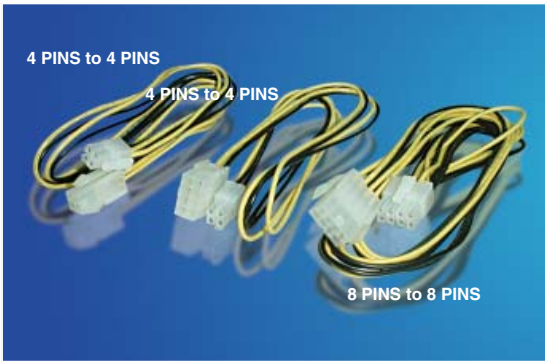
**CLM-882151-XXX**



Specification & Patent See Page No. K9 ~ K19

# Cables & Riser Cards

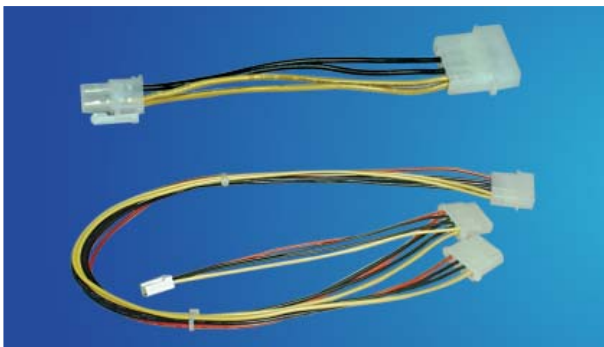
**CLM-311111/311113/311115**  
P4 & Xeon CPU Expansion cables



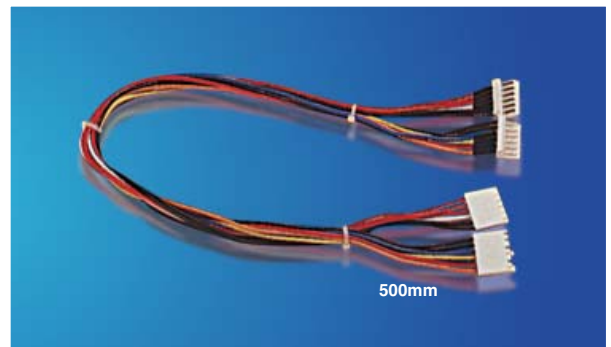
**CLM-311112/ 311114**  
24PINS to 20 PINS Expansion Cable



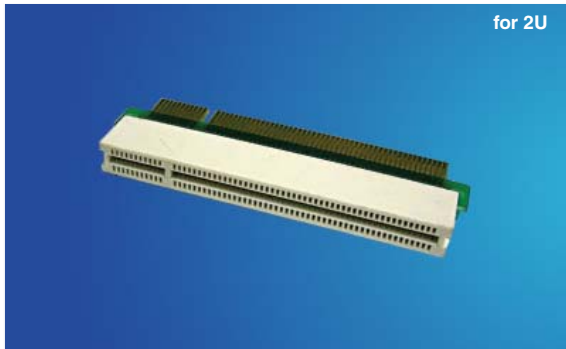
**CLM-311128/311039-500**  
P4 / Power Expansion cable



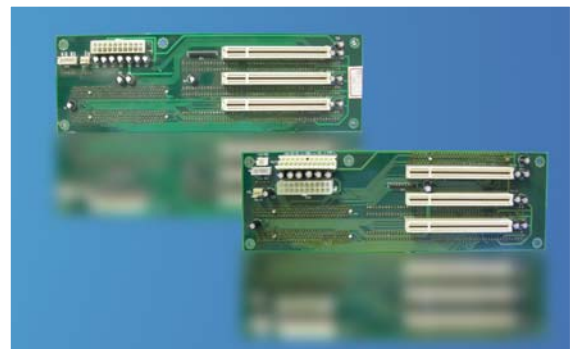
**CLM-31DC065 / 31DC066-80**  
P8,P9 Expansion Cable



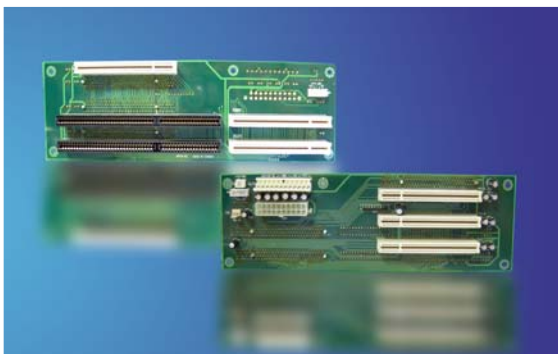
**CLM-581064**  
32 bits slot Expansion Riser card for slot #7



**SSL-581065 ATX Version**  
CLM-91X Series Backplane , 2U



**SSL-581016 ATX Version**  
CLM-91X Series Backplane , 2U



**SSL-581006**  
CLM-901 Backplanes , 1U



# Riser Cards

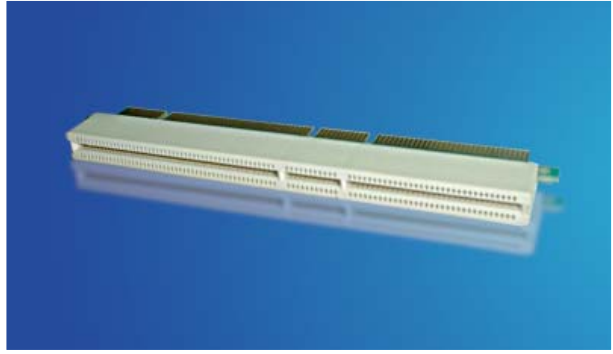
## SSL-581028

32 bit AGP Expansion slot for 2U



## CLM-581055 64Bits PCI Slot

3.3V or 5.0V PCI Expansion slot



## SSL-581019

3 x 32 Bits PCI & 1 x AGP slots for 2U , 2 Layers



## SSL-581017/581053

64 Bits 3.3V/5V PCI slot for 1U



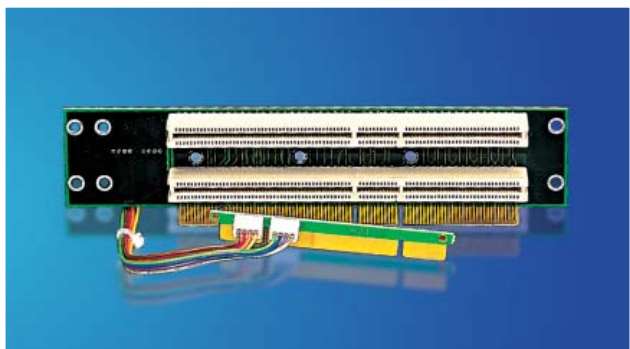
## SSL-581026

2 x 32 Bits 5V PCI slot for 2U , 2 Layers



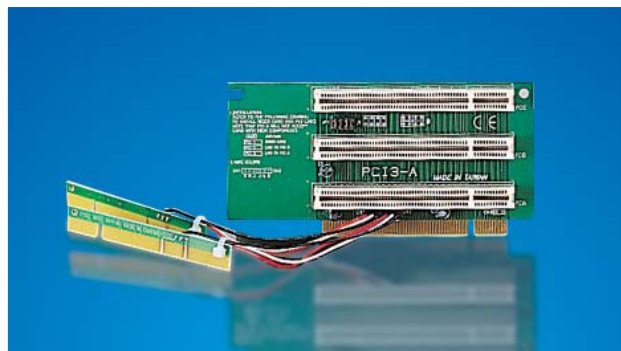
## SSL-581021

2 x 64 Bits 5V PCI slot for 2U , 1 Layer



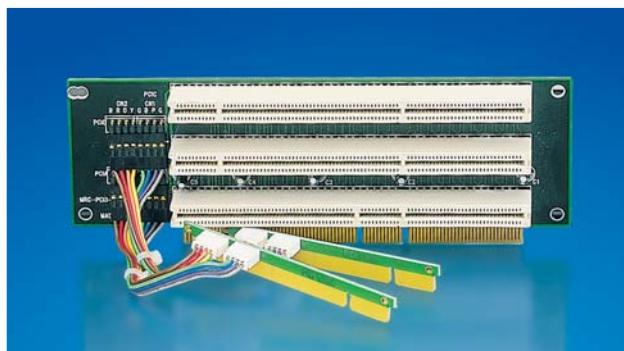
## SSL-581018

3 x 32 Bits PCI Slots for 2U , 1 Layer



## SSL-581022

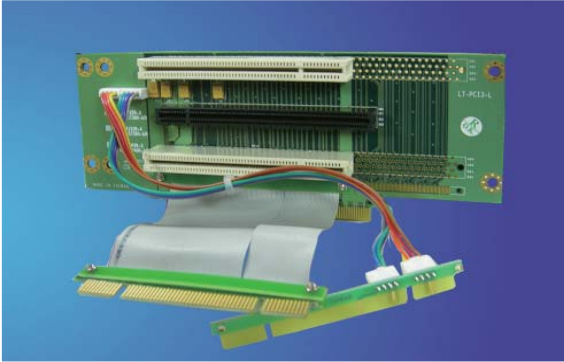
3 x 64 Bits PCI slots for 2U , 1 Layer



# Riser Cards

## SSL-581064

32 Bit Expansion card for slot # 7



## CLM-311057-xx Air-filter SUS Matel

60x60mm / 80x80mm Meshed SUS Matel



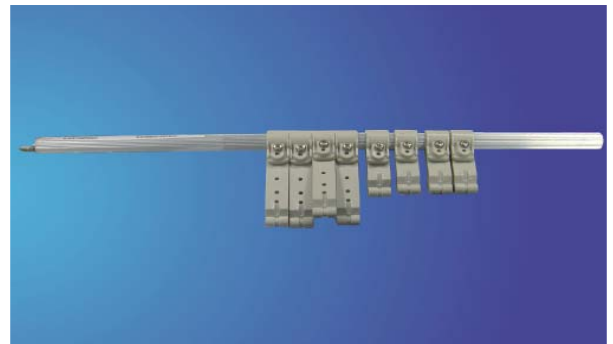
## SSL-581074/581075 LCD Modular

With 4 Directon Bottoms



## CLM- 880184-00 Vibrator , hold down bar

With Multiplex Damps (Patent Pending)



## 882046-xx Active Fan Modular

For System Cooling with 3 Fans (Vertical)



## 882170-xx Active Fan Modular

For Cooling with 3 Fans (Horizontal)



## 882171-xx Active Fan Modular

For Cooling with 6 Fans (Horizontal)



## 882171-xx Active Fan Modular

For Cooling with 9 Fans (Horizontal)





## **Spirit in CLM :**

### **SERVICE**

**JUST AS YOU WISH,  
EACH PROCEDURE IS CONFIGURED  
TO YOUR REQUIREMENTS.  
WITH US, YOUR NEEDS ARE PARAMOUNT.**

### **RELIABLE**

**AS A WELL-KNOWN  
SYSTEM PRODUCER & EXPORTER,  
CLM HAS THE RIGHT EXPERTS &  
EQUIPMENTS FOR EVERY SPECIFIC TASK.**

### **COMPLETE**

**YOU CAN EASILY FIND SEVERAL IDEA  
COMBINATIONS TO MEET YOUR NEED  
FROM OUR VERSATILE RANGE OF RACKS,  
CABINETS & OTHER PRODUCTS.**