

## Cisco UCS C200 M1 Rackmount Servers ►

Cisco® UCS C-Series Rack-Mount Servers extend unified computing innovations to an industry-standard form factor to help reduce total cost of ownership (TCO) and increase business agility. Designed to operate both in standalone environments and as part of the Cisco Unified Computing System™, the series employs Cisco technology to help customers handle the most challenging workloads. The series incorporates a standards-based unified network fabric, Cisco VN-Link virtualization support, and Cisco Extended Memory Technology. It supports an incremental deployment model and protects customer investments with a future migration path to unified computing. The Cisco UCS C200 M1 High-Density Rack-Mount Server is a high-density server with balanced compute performance and I/O flexibility. This price-to-performance optimized two-socket, one-rack-unit (1RU) rack-mount server is designed to balance simplicity, performance, and density for web infrastructure and mainstream data center, small-office, and remote-office applications. Its single-rack-unit size makes it useful for service providers offering dedicated or multi-tenant hosting, and its economical price makes it well suited to the appliance market.

You can learn more about the Cisco UCS C200 M1 Rackmount Server on Cisco's website at the following URL:

<http://tinyurl.com/cisco-C200-M1>

For sales and account support, please contact one of Cisco's local account managers:

Ron Anderson ronande@cisco.com 601-607-3652  
 Allan Davis aldavis@cisco.com 408-894-7290

<u>Cisco Product SKU</u>	<u>Description</u>	<u>USD List Price</u>	<u>EPL Price</u>
<b>UCS C200 M1 Base Rack Server Bundle</b>			
R200-STAND-BUNDLE	UCS C200,2xE5520,6x4GB ddr3, 2PS, Quad Nic,2x500gb hd	9,899.00	6,929.30
CON-UCS1-R200BS1	UC SUPPORT 8X5XNBD UCS C200,2xE5520,6x4GB 2x500gb	353.00	353.00
<b>UCS C200 M1 Base Rack Server (* Select Options)</b>			
R200-1120402	UCS C200M1 Rack Srvr w/1PSU,DVD, w/o CPU, mem, HDD, PCIe crd	2,343.00	1,640.10
<b>* Processor Options</b>			
N20-X00001	2.93GHz Xeon X5570 95W CPU/8MB cache/DDR3 1333MHz	3,936.00	2,755.20
N20-X00002	2.53GHz Xeon E5540 80W CPU/8MB cache/DDR3 1066MHz	2,061.00	1,442.70
N20-X00006	2.66GHz Xeon X5550 95W CPU/8MB cache/DDR3 1333MHz	2,754.00	1,927.80
N20-X00003	2.26GHz Xeon E5520 80W CPU/8MB cache/DDR3 1066MHz	1,124.00	786.80
N20-X00009	2.00GHz Xeon E5504 80W CPU/4MB cache/DDR3 800MHz	691.00	483.70
N20-X00004	2.26GHz Xeon L5520 60W CPU/8MB cache/DDR3 1066MHz	1,499.00	1,049.30
<b>* Memory Options</b>			
N01-M302GB1	2GB DDR3-1333MHz RDIMM/PC3-10600/single rank 1Gb DRAMs	225.00	157.50
N01-M304GB1	4GB DDR3-1333MHz RDIMM/PC3-10600/dual rank 1Gb DRAMs	394.00	275.80
N01-M308GB2	8GB DDR3-1333MHz RDIMM/PC3-10600/dual rank 2Gb DRAMs	767.00	536.90
A02-U301GB1	1GB DDR3-1333MHz UDIMM/PC3-10600/single rank 1Gb DRAMs	86.00	60.20
A02-U302GB1	2GB DDR3-1333MHz UDIMM/PC3-10600/single rank 1Gb DRAMs	157.00	109.90
<b>* RAID Controller Options</b>			
R2XX-PL002	LSI MegaRAID SAS 8708EM2	1,498.00	1,048.60
R2X0-ML002	LSI 1064E (4-port SAS 3.0G RAID 0, 1, 1E ) Mezz Card	281.00	196.70

<b>* RAID Controller Battery Backup and Setup Options</b>			
R2XX-LBBU	Battery Back-up	281.00	196.70
R2XX-RAID0	Enable RAID 0 Setting	1.00	0.70
R2XX-RAID5	Enable RAID 5 Setting	1.00	0.70
R2XX-RAID6	Enable RAID 6 Setting	1.00	0.70
R2XX-RAID10	Enable RAID 10 Setting	1.00	0.70
<b>* PCI Express Card Options</b>			
N2XX-AQPCI01	Qlogic QLE 8152-CNA 2port 10Gb SFP+ Copper	2,435.00	1,704.50
N2XX-ABPCI02	Broadcom 57711 Dual Port 10GbE NIC w/TOE iSCSI	1,869.00	1,308.30
N2XX-ABPCI03	Broadcom 5709 Quad Port 10/100/1Gb NIC w/TOE iSCSI	1,001.00	700.70
N2XX-AEPCI03	Emulex LPe 11002, 4Gb Fibre Channel PCIe Dual Channel HBA	3,045.00	2,131.50
N2XX-AQPCI03	Qlogic QLE2462, 4Gb dual port Fibre Channel Host Bus Adapter	3,045.00	2,131.50
<b>* Hard Drive Options</b>			
R200-D500GCSATA03	Gen 2 500GB SATA 7.2K RPM 3.5in HDD/hot plug/C200 drive sled	448.00	313.60
R200-D146GB	146GB SAS 15K RPM 3.5 in. HDD/hot plug/C200 drive sled	676.00	473.20
R200-D300GB	300GB SAS 15K RPM 3.5 in. HDD/hot plug/C200 drive sled	1,395.00	976.50
R200-D1TC	1TB SAS 7.2K RPM 3.5 in. HDD/hot plug/C200 drive sled	1,333.00	933.10
<b>* TPM Module</b>			
R200-TPM1	TPM Module for UCS C200 M1 and C210 M1 Rack Server	46.00	32.20
<b>* Rail Kit Accessories</b>			
R250-SLDRAIL	Rail Kit - UCS C200, C210 and 250 M1 Rack Servers	279.00	195.30
R250-CBLARM	Cable Management for UCS 250 M1 Rack Server	140.00	98.00
<b>* Redundant Power Supply</b>			
R2X0-PSU2-650W	650W power supply unit for UCS C200 M1 or C210 M1 Server	560.00	392.00
<b>* Spare Power Cable Options</b>			
CAB-N5K6A-NA=	Power Cord, 200/240V 6A North America	50.00	35.00
CAB-AC-250V/13A=	North America,NEMA L6-20 250V/20A plug-IEC320/C13 receptacle	80.00	56.00

Pricing Last Updated March 2011

## Cisco UCS C200 M2 Rackmount Servers

Cisco® UCS C-Series Rack-Mount Servers extend unified computing innovations to an industry-standard form factor to help reduce total cost of ownership (TCO) and increase business agility. Designed to operate both in standalone environments and as part of the Cisco Unified Computing System™, the series employs Cisco technology to help customers handle the most challenging workloads. The series incorporates a standards-based unified network fabric, Cisco VN-Link virtualization support, and Cisco Extended Memory Technology. It supports an incremental deployment model and protects customer investments with a future migration path to unified computing. The Cisco UCS C200 M2 High-Density Rack-Mount Server is a high-density server with balanced compute performance and I/O flexibility. This price-to-performance optimized two-socket, one-rack-unit (1RU) rack-mount server is designed to balance simplicity, performance, and density for web infrastructure and mainstream data center, small-office, and remote-office applications. Its single-rack-unit size makes it useful for service providers offering dedicated or multi-tenant hosting, and its economical price makes it well suited to the appliance market. Building on the success of the Cisco UCS C200 M1 High-Density Rack-Mount Server, the Cisco UCS C200 M2 server extends the capabilities of the Cisco Unified Computing System with the next generation of Intel Xeon® 5600 series processors. These powerful processors deliver more cores, threads, and cache, all within a similar power envelope, with even faster payback, greater productivity, and better energy efficiency than preceding models. When put into production, Cisco Unified Computing System and Intel Xeon 5600 series processors together offer further reductions in TCO, increased business agility and another big leap forward in data center virtualization.

You can learn more about the Cisco UCS C200 M2 Rackmount Server on Cisco's website at the following URL:

<http://tinyurl.com/cisco-C200-M2>

For sales and account support, please contact one of Cisco's local account managers:

Ron Anderson ronande@cisco.com 601-607-3652  
 Allan Davis aldavis@cisco.com 408-894-7290

<u>Cisco Product SKU</u>	<u>Description</u>	<u>USD List Price</u>	<u>EPL Price</u>
<b>UCS C200 M2 Base Rack Server Bundle</b>			
R200-STAND-CNFGW	UCS C200,2xE5620,6x4GB ddr3, 2PS,LSI1064,Quad Nic,2x500gb hd	10,174.00	7,121.80
CON-UCS1-R200BS1W	UC SUPPORT 8X5XNBD UCSC200,2xE5620,6x4GB Nic 2x500gb hd	370.00	370.00
<b>UCS C200 M2 Base Rack Server (* Select Options)</b>			
R200-1120402W	UCS C200 M2 Srvr w/1PSU, DVD w/o CPU, mem, HDD or PCIe card	2,343.00	1,640.10
<b>* Processor Options</b>			
A01-X0102	2.93GHz Xeon X5670 95W CPU/12MB cache/DDR3 1333MHz	3,842.00	2,689.40
A01-X0105	2.66GHz Xeon X5650 95W CPU/12MB cache/DDR3 1333MHz	2,754.00	1,927.80
A01-X0109	2.66GHz Xeon E5640 80W CPU/12MB cache/DDR3 1066MHz	2,061.00	1,442.70
A01-X0111	2.40GHz Xeon E5620 80W CPU/12MB cache/DDR3 1066MHz	1,124.00	786.80
A01-X0113	2.13GHz Xeon E5506 80W CPU/4MB cache/DDR3 800MHz	795.00	556.50
A01-X0106	2.26GHz Xeon L5640 60W CPU/12MB cache/DDR3 1066MHz	2,716.00	1,901.20
N20-X00001	2.93GHz Xeon X5570 95W CPU/8MB cache/DDR3 1333MHz	3,936.00	2,755.20
N20-X00002	2.53GHz Xeon E5540 80W CPU/8MB cache/DDR3 1066MHz	2,061.00	1,442.70
N20-X00006	2.66GHz Xeon X5550 95W CPU/8MB cache/DDR3 1333MHz	2,754.00	1,927.80
N20-X00003	2.26GHz Xeon E5520 80W CPU/8MB cache/DDR3 1066MHz	1,124.00	786.80
N20-X00009	2.00GHz Xeon E5504 80W CPU/4MB cache/DDR3 800MHz	691.00	483.70
N20-X00004	2.26GHz Xeon L5520 60W CPU/8MB cache/DDR3 1066MHz	1,499.00	1,049.30
<b>* Memory Options</b>			
N01-M302GB1	2GB DDR3-1333MHz RDIMM/PC3-10600/single rank 1Gb DRAMs	225.00	157.50
N01-M304GB1	4GB DDR3-1333MHz RDIMM/PC3-10600/dual rank 1Gb DRAMs	394.00	275.80
N01-M308GB2	8GB DDR3-1333MHz RDIMM/PC3-10600/dual rank 2Gb DRAMs	767.00	536.90
N01-M308GB2-L	8GB DDR3-1333MHz RDIMM/PC3-10600/dual rank/Low Voltage	842.00	589.40
A02-U302GB1	2GB DDR3-1333MHz UDIMM/PC3-10600/single rank 1Gb DRAMs	157.00	109.90

**\* RAID Controller Options**

R200-PL004	LSI 6G MegaRAID 9260-4i card (RAID 0,1,5,6,10,60) - 512WC	1,498.00	1,048.60
R2X0-ML002	LSI 1064E (4-port SAS 3.0G RAID 0, 1, 1E ) Mezz Card	281.00	196.70

**\* RAID Controller Battery Backup and Setup Options**

R2XX-LBBU	Battery Back-up	281.00	196.70
R2XX-RAID0	Enable RAID 0 Setting	1.00	0.70
R2XX-RAID1	Enable RAID 1 Setting	1.00	0.70

**\* PCI Express Card Options**

N2XX-AQPCI01	Qlogic QLE 8152-CNA 2port 10Gb SFP+ Copper	2,435.00	1,704.50
N2XX-ABPCI02	Broadcom 57711 Dual Port 10GbE NIC w/TOE iSCSI	1,869.00	1,308.30
N2XX-ABPCI03	Broadcom 5709 Quad Port 10/100/1Gb NIC w/TOE iSCSI	1,001.00	700.70
N2XX-AEPCI03	Emulex LPe 11002, 4Gb Fibre Channel PCIe Dual Channel HBA	3,045.00	2,131.50
N2XX-AQPCI03	Qlogic QLE2462, 4Gb dual port Fibre Channel Host Bus Adapter	3,045.00	2,131.50
N2XX-AEPCI01	Emulex OneConnect OCe10102-F CNA 2 port 10Gb	2,435.00	1,704.50
N2XX-AIPCI01	Intel Dual Port 10 GbE Ethernet X520 Server Adapter	1,873.00	1,311.10
N2XX-ABPCI01	Broadcom 5709 Dual-Port Ethernet PCIe Adapter	373.00	261.10
N2XX-AIPCI02	Intel Quad port GbE Controller (E1G44ETG1P20)	999.00	699.30
N2XX-ACPCI01	Cisco UCS P81E Virtual Interface Card/ 2-port 10Gbps	1,594.00	1,115.80

**\* Hard Drive Options**

R200-D500GCSATA03	Gen 2 500GB SATA 7.2K RPM 3.5in HDD/hot plug/C200 drive sled	448.00	313.60
R200-D1TC03	Gen 2 1TB SAS 7.2K RPM 3.5in HDD/hot plug/C200 drive sled	842.00	589.40
R200-D2TC03	2TB SAS 7.2K RPM 3.5in HDD/hot plug/C200 drive sled	1,104.00	772.80
R200-D300GB03	Gen 2 300GB SAS 15K RPM 3.5in HDD/hot plug/C200 drive sled	898.00	628.60
R200-D450GB03	450GB SAS 15K RPM 3.5in HDD/hot plug/C200 drive sled	1,198.00	838.60
R200-D146GB	146GB SAS 15K RPM 3.5 in. HDD/hot plug/C200 drive sled	676.00	473.20

**\* TPM Module**

R200-TPM1	TPM Module for UCS C200 M1 and C210 M1 Rack Server	46.00	32.20
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**\* Rail Kit Accessories**

R250-SLDRAIL	Rail Kit - UCS C200, C210 and 250 M1 Rack Servers	279.00	195.30
R250-CBLARM	Cable Management for UCS 250 M1 Rack Server	140.00	98.00

**\* Redundant Power Supply**

R2X0-PSU2-650W	650W power supply unit for UCS C200 M1 or C210 M1 Server	560.00	392.00
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**\* Spare Power Cable Options**

CAB-N5K6A-NA=	Power Cord, 200/240V 6A North America	50.00	35.00
CAB-AC-250V/13A=	North America,NEMA L6-20 250V/20A plug-IEC320/C13 receptacle	80.00	56.00

## Cisco UCS C210 M1 Rackmount Servers

Cisco® UCS C-Series Rack-Mount Servers extend unified computing innovations to an industry-standard form factor to help reduce total cost of ownership (TCO) and increase business agility. Designed to operate both in standalone environments and as part of the Cisco Unified Computing System™, the series employs Cisco technology to help customers handle the most challenging workloads. The series incorporates a standards-based unified network fabric and Cisco VN-Link virtualization and protects customer investments with a future migration path to unified computing. The Cisco UCS C210 M1 General-Purpose Rack-Mount Server is a general-purpose, two-socket, two-rack-unit (2RU) rack-mount server housing up to 16 internal small form-factor (SFF) SAS or SATA disk drives for a total of up to 8 terabytes (TB) of storage. The Cisco UCS C210 M1 server is designed to balance performance, density, and efficiency for workloads requiring economical, high-capacity, reliable, internal storage. Based on quad-core Intel® Xeon® 5500 series processors, the server is built for applications including virtualization, network file servers and appliances, storage servers, database servers, and content-delivery servers.

You can learn more about the Cisco UCS C210 M1 Rackmount Server on Cisco's website at the following URL:  
<http://tinyurl.com/cisco-C210-M1>

For sales and account support, please contact one of Cisco's local account managers:

Ron Anderson ronande@cisco.com 601-607-3652  
 Allan Davis aldavis@cisco.com 408-894-7290

<u>Cisco Product SKU</u>	<u>Description</u>	<u>USD List Price</u>	<u>EPL Price</u>
<b>UCS C200 M1 Base Rack Server Bundle</b>			
R210-STAND-BUNDLE	UCS C210 Rack Svr, 2x E5520, 6x4GB ddr 1333, 2PS, LSI1064	9,105.00	6,373.50
CON-UCS1-R210BS1	UC SUPPORT 8X5XNBD C210 Rack Svr, 2xE5520 6x4GB ddr1333 LSI	456.00	456.00
<b>UCS C200 M1 Base Rack Server (* Select Options)</b>			
R210-2121605	UCS C210 M1 Svr w/1PSU, w/o CPU, mem, HDD, DVD or PCIe card	3,187.00	2,230.90
<b>* Processor Options</b>			
N20-X00001	2.93GHz Xeon X5570 95W CPU/8MB cache/DDR3 1333MHz	3,936.00	2,755.20
N20-X00002	2.53GHz Xeon E5540 80W CPU/8MB cache/DDR3 1066MHz	2,061.00	1,442.70
N20-X00006	2.66GHz Xeon X5550 95W CPU/8MB cache/DDR3 1333MHz	2,754.00	1,927.80
N20-X00003	2.26GHz Xeon E5520 80W CPU/8MB cache/DDR3 1066MHz	1,124.00	786.80
N20-X00009	2.00GHz Xeon E5504 80W CPU/4MB cache/DDR3 800MHz	691.00	483.70
N20-X00004	2.26GHz Xeon L5520 60W CPU/8MB cache/DDR3 1066MHz	1,499.00	1,049.30
<b>* Memory Options</b>			
N01-M302GB1	2GB DDR3-1333MHz RDIMM/PC3-10600/single rank 1Gb DRAMs	225.00	157.50
N01-M304GB1	4GB DDR3-1333MHz RDIMM/PC3-10600/dual rank 1Gb DRAMs	394.00	275.80
N01-M308GB2	8GB DDR3-1333MHz RDIMM/PC3-10600/dual rank 2Gb DRAMs	767.00	536.90
A02-U301GB1	1GB DDR3-1333MHz UDIMM/PC3-10600/single rank 1Gb DRAMs	86.00	60.20
A02-U302GB1	2GB DDR3-1333MHz UDIMM/PC3-10600/single rank 1Gb DRAMs	157.00	109.90
<b>* Optical Drive Option</b>			
R210-ODVDRW	DVD-RW Drive for UCS C210 M1 Rack Servers	247.00	172.90
<b>* SAS Extender/Expander Option</b>			
R210-SASXPAND	SAS Pass-Thru Expander (svr requiring > 8 HDDs) - C210 M1	682.00	477.40
<b>* RAID Controller Options</b>			
R2XX-PL003	LSI 6G MegaRAID 9261-8i card (RAID 0,1,5,6,10,60) - 512WC	1,591.00	1,113.70
R2X0-ML002	LSI 1064E (4-port SAS 3.0G RAID 0, 1, 1E ) Mezz Card	281.00	196.70

**\* RAID Controller Battery Backup and Setup Options**

R2XX-LBBU2	Battery Back-up	281.00	196.70
R2XX-RAID0	Enable RAID 0 Setting	1.00	0.70
R2XX-RAID1	Enable RAID 1 Setting	1.00	0.70
R2XX-RAID5	Enable RAID 5 Setting	1.00	0.70
R2XX-RAID6	Enable RAID 6 Setting	1.00	0.70
R2XX-RAID10	Enable RAID 10 Setting	1.00	0.70

**\* PCI Express Card Options**

N2XX-AQPCI01	Qlogic QLE 8152-CNA 2port 10Gb SFP+ Copper	2,435.00	1,704.50
N2XX-ABPCI02	Broadcom 57711 Dual Port 10GbE NIC w/TOE iSCSI	1,869.00	1,308.30
N2XX-ABPCI03	Broadcom 5709 Quad Port 10/100/1Gb NIC w/TOE iSCSI	1,001.00	700.70
N2XX-AEPCI03	Emulex LPe 11002, 4Gb Fibre Channel PCIe Dual Channel HBA	3,045.00	2,131.50
N2XX-AQPCI03	Qlogic QLE2462, 4Gb dual port Fibre Channel Host Bus Adapter	3,045.00	2,131.50

**\* Hard Drive Options**

R2XX-D500GCSATA	500GB SATA 7.2K RPM SFF HDD/hot plug/C-Series drive sled	542.00	379.40
A03-D073GC2	73GB 6Gb SAS 15K RPM SFF HDD/hot plug/drive sled mounted	561.00	392.70
A03-D146GA2	146GB 6Gb SAS 10K RPM SFF HDD/hot plug/drive sled mounted	486.00	340.20
A03-D300GA2	300GB 6Gb SAS 10K RPM SFF HDD/hot plug/drive sled mounted	842.00	589.40

**\* TPM Module**

R200-TPM1	TPM Module for UCS C200 M1 and C210 M1 Rack Server	46.00	32.20
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**\* Rail Kit Accessories**

R250-SLDRAIL	Rail Kit - UCS C200, C210 and 250 M1 Rack Servers	279.00	195.30
R250-CBLARM	Cable Management for UCS 250 M1 Rack Server	140.00	98.00

**\* Redundant Power Supply**

R2X0-PSU2-650W	650W power supply unit for UCS C200 M1 or C210 M1 Server	560.00	392.00
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**\* Spare Power Cable Options**

CAB-N5K6A-NA=	Power Cord, 200/240V 6A North America	50.00	35.00
CAB-AC-250V/13A=	North America,NEMA L6-20 250V/20A plug-IEC320/C13 receptacle	80.00	56.00

## Cisco UCS C210 M2 Rackmount Servers

Cisco® UCS C-Series Rack-Mount Servers extend unified computing innovations to an industry-standard form factor to help reduce total cost of ownership (TCO) and increase business agility. Designed to operate both in standalone environments and as part of the Cisco Unified Computing System™, the series employs Cisco technology to help customers handle the most challenging workloads. The series incorporates a standards-based unified network fabric and Cisco VN-Link virtualization and protects customer investments with a future migration path to unified computing. The Cisco UCS C210 M2 General-Purpose Rack-Mount Server is a two-socket, two-rack-unit (2RU) rack-mount server housing up to 16 internal small form-factor (SFF) SAS or SATA disk drives for a total of up to 8 terabytes (TB) of storage. The Cisco UCS C210 M2 server is designed to balance performance, density, and efficiency for workloads requiring economical, high-capacity, reliable, internal storage. Based on six-core Intel® Xeon® 5600 series processors, the server is built for applications including virtualization, network file servers and appliances, storage servers, database servers, and content-delivery servers. Building on the success of the Cisco UCS C210 M1 General-Purpose Rack-Mount Server, the Cisco UCS C210 M2 server extends the capabilities of the Cisco Unified Computing System with the next generation of Intel processor technology: Intel® Xeon® 5600 series processors. These powerful processors deliver more cores, threads, and cache, all within a similar power envelope, with even faster payback, greater productivity, and better energy efficiency than preceding models. When put into production, Cisco Unified Computing System and Intel Xeon 5600 series processors together offer further reductions in TCO, increased business agility, and another big leap forward in data center virtualization.

You can learn more about the Cisco UCS C210 M2 Rackmount Server on Cisco's website at the following URL:  
<http://tinyurl.com/cisco-C210-M2>

For sales and account support, please contact one of Cisco's local account managers:

Ron Anderson ronande@cisco.com 601-607-3652  
 Allan Davis aldavis@cisco.com 408-894-7290

<u>Cisco Product SKU</u>	<u>Description</u>	<u>USD List Price</u>	<u>EPL Price</u>
<b>UCS C210 M2 Base Rack Server Bundles</b>			
R210-STAND-CNFGW	UCS C210 Rack Svr, 2x E5620, 6x4GB ddr 1333, 2PS, LSI1064	9,381.00	6,566.70
CON-UCS1-R210BS1W	UC SUPPORT 8X5XNBD UCSC210 Rack Svr, 2x E5620 6x4GB LSI1064	474.00	474.00
R210-SASXP-CNFGW	UCS C210 Rack Svr, 2x E5640, 6x4GB, SAS Expand,2PS,LSI6g	13,249.00	9,274.30
CON-UCS1-R210BSXW	UC SUPPORT 8X5XNBD UCS C210 Rack Svr, 2x E5640 6x4GB LSI6g	474.00	474.00
<b>UCS C210 M2 Base Rack Server (* Select Options)</b>			
R210-2121605W	UCS C210 M2 Svr w/1PSU, w/o CPU, mem, HDD, DVD or PCIe card	3,187.00	2,230.90
<b>* Processor Options</b>			
A01-X0102	2.93GHz Xeon X5670 95W CPU/12MB cache/DDR3 1333MHz	3,842.00	2,689.40
A01-X0105	2.66GHz Xeon X5650 95W CPU/12MB cache/DDR3 1333MHz	2,754.00	1,927.80
A01-X0109	2.66GHz Xeon E5640 80W CPU/12MB cache/DDR3 1066MHz	2,061.00	1,442.70
A01-X0111	2.40GHz Xeon E5620 80W CPU/12MB cache/DDR3 1066MHz	1,124.00	786.80
A01-X0113	2.13GHz Xeon E5506 80W CPU/4MB cache/DDR3 800MHz	795.00	556.50
A01-X0106	2.26GHz Xeon L5640 60W CPU/12MB cache/DDR3 1066MHz	2,716.00	1,901.20
N20-X00001	2.93GHz Xeon X5570 95W CPU/8MB cache/DDR3 1333MHz	3,936.00	2,755.20
N20-X00002	2.53GHz Xeon E5540 80W CPU/8MB cache/DDR3 1066MHz	2,061.00	1,442.70
N20-X00006	2.66GHz Xeon X5550 95W CPU/8MB cache/DDR3 1333MHz	2,754.00	1,927.80
N20-X00003	2.26GHz Xeon E5520 80W CPU/8MB cache/DDR3 1066MHz	1,124.00	786.80
N20-X00009	2.00GHz Xeon E5504 80W CPU/4MB cache/DDR3 800MHz	691.00	483.70
N20-X00004	2.26GHz Xeon L5520 60W CPU/8MB cache/DDR3 1066MHz	1,499.00	1,049.30

### \* Memory Options

N01-M302GB1	2GB DDR3-1333MHz RDIMM/PC3-10600/single rank 1Gb DRAMs	225.00	157.50
N01-M308GB2	8GB DDR3-1333MHz RDIMM/PC3-10600/dual rank 2Gb DRAMs	767.00	536.90
A02-U301GB1	1GB DDR3-1333MHz UDIMM/PC3-10600/single rank 1Gb DRAMs	86.00	60.20
A02-U302GB1	2GB DDR3-1333MHz UDIMM/PC3-10600/single rank 1Gb DRAMs	157.00	109.90
N01-M308GB2-L	8GB DDR3-1333MHz RDIMM/PC3-10600/dual rank/Low Voltage	842.00	589.40
A02-M316GB2-L	16GB DDR3-1066MHz RDIMM/PC3-8500/quad rank/Low Voltage	1,873.00	1,311.10

### \* Optical Drive Option

R210-ODVDRW	DVD-RW Drive for UCS C210 M1 Rack Servers	247.00	172.90
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### \* SAS Extender/Expander Option

R210-SASXPAND	SAS Pass-Thru Expander (svr requiring > 8 HDDs) - C210 M1	682.00	477.40
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### \* RAID Controller Options

R2XX-PL003	LSI 6G MegaRAID 9261-8i card (RAID 0,1,5,6,10,60) - 512WC	1,591.00	1,113.70
R2X0-ML002	LSI 1064E (4-port SAS 3.0G RAID 0, 1, 1E ) Mezz Card	281.00	196.70

### \* RAID Controller Battery Backup and Setup Options

R2XX-LBBU2	Battery Back-up	281.00	196.70
R2XX-RAID0	Enable RAID 0 Setting	1.00	0.70
R2XX-RAID1	Enable RAID 1 Setting	1.00	0.70
R2XX-RAID5	Enable RAID 5 Setting	1.00	0.70
R2XX-RAID6	Enable RAID 6 Setting	1.00	0.70
R2XX-RAID10	Enable RAID 10 Setting	1.00	0.70

### \* PCI Express Card Options

N2XX-AQPCI01	Qlogic QLE 8152-CNA 2port 10Gb SFP+ Copper	2,435.00	1,704.50
N2XX-ABPCI02	Broadcom 57711 Dual Port 10GbE NIC w/TOE iSCSI	1,869.00	1,308.30
N2XX-ABPCI03	Broadcom 5709 Quad Port 10/100/1Gb NIC w/TOE iSCSI	1,001.00	700.70
N2XX-AEPCI03	Emulex LPe 11002, 4Gb Fibre Channel PCIe Dual Channel HBA	3,045.00	2,131.50
N2XX-AQPCI03	Qlogic QLE2462, 4Gb dual port Fibre Channel Host Bus Adapter	3,045.00	2,131.50
N2XX-AEPCI01	Emulex OneConnect OCe10102-F CNA 2 port 10Gb	2,435.00	1,704.50
N2XX-AIPCI01	Intel Dual Port 10 GbE Ethernet X520 Server Adapter	1,873.00	1,311.10
N2XX-ABPCI01	Broadcom 5709 Dual-Port Ethernet PCIe Adapter	373.00	261.10
N2XX-AIPCI02	Intel Quad port GbE Controller (E1G44ETG1P20)	999.00	699.30
N2XX-ACPCI01	Cisco UCS P81E Virtual Interface Card/ 2-port 10Gbps	1,594.00	1,115.80

### \* Hard Drive Options

R2XX-D500GCSATA	500GB SATA 7.2K RPM SFF HDD/hot plug/C-Series drive sled	542.00	379.40
A03-D073GC2	73GB 6Gb SAS 15K RPM SFF HDD/hot plug/drive sled mounted	561.00	392.70
A03-D146GA2	146GB 6Gb SAS 10K RPM SFF HDD/hot plug/drive sled mounted	486.00	340.20
A03-D146GC2	146GB 6Gb SAS 15K RPM SFF HDD/hot plug/drive sled mounted	748.00	523.60
A03-D300GA2	300GB 6Gb SAS 10K RPM SFF HDD/hot plug/drive sled mounted	842.00	589.40
A03-D100SSD	100GB SATA SSD SFF HDD/hot plug/drive sled mounted	3,936.00	2,755.20
A03-D600GA2	600GB 6Gb SAS 10K RPM SFF HDD/hot plug/drive sled mounted	1,498.00	1,048.60

### \* TPM Module

R200-TPM1	TPM Module for UCS C200 M1 and C210 M1 Rack Server	46.00	32.20
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### \* Rail Kit Accessories

R250-SLDRAIL	Rail Kit - UCS C200, C210 and 250 M1 Rack Servers	279.00	195.30
R250-CBLARM	Cable Management for UCS 250 M1 Rack Server	140.00	98.00

### \* Redundant Power Supply

R2X0-PSU2-650W	650W power supply unit for UCS C200 M1 or C210 M1 Server	560.00	392.00
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### \* Spare Power Cable Options

CAB-N5K6A-NA=	Power Cord, 200/240V 6A North America	50.00	35.00
CAB-AC-250V/13A=	North America,NEMA L6-20 250V/20A plug-IEC320/C13 receptacle	80.00	56.00

## Cisco UCS C250 M1 Rackmount Servers

Cisco® UCS C-Series Rack-Mount Servers extend unified computing innovations to an industry-standard form factor to help reduce total cost of ownership (TCO) and increase business agility. Designed to operate both in standalone environments and as part of the Cisco Unified Computing System™, the series employs Cisco technology to help customers handle the most challenging workloads. The series incorporates a standards-based unified network fabric, Cisco VN-Link virtualization support, and Cisco Extended Memory Technology. It supports an incremental deployment model and protects customer investments with a future migration path to unified computing. The Cisco UCS C250 M1 Extended-Memory Rack-Mount Server is a two-socket, two-rack-unit (2RU) rack-mount server featuring patented Cisco Extended Memory Technology. It is designed to increase performance and capacity for demanding virtualization and large-data-set workloads. It also can reduce the cost of smaller memory footprints. This server is built for virtualized workloads in enterprise data centers, service provider environments, and virtual desktop hosting. The system also helps increase performance for large-data-set workloads, including database management systems and modeling and simulation applications. Applications that are memory bound today will benefit by the 384 GB of addressable memory that the Cisco UCS C250 M1 server offers.

You can learn more about the Cisco UCS C250 M1 Rackmount Server on Cisco's website at the following URL:  
<http://tinyurl.com/cisco-C250-M1>

For sales and account support, please contact one of Cisco's local account managers:

Ron Anderson ronande@cisco.com 601-607-3652  
 Allan Davis aldavis@cisco.com 408-894-7290

<u>Cisco Product SKU</u>	<u>Description</u>	<u>USD List Price</u>	<u>EPL Price</u>
<b>UCS C250 M1 Base Rack Server Bundles</b>			
R250-STND-BUNDLE CON-UCS1-R250BS1	UCS C250 Rack Svr, 2x X5550,24x4 GB ddr3 1333,2 PS, LSI308 UC SUPPORT 8X5XNBD C250 RckSvr, 2x X5550 12x4GBddr3 LSI308	32,011.00 506.00	22,407.70 506.00
R250-STND-BUNDLE-2 CON-UCS1-R250BS2	UCS C250 Rack Svr, 2x X5550,48x4 GB DDR3 1333,2 PS, LSI308 UC SUPPORT 8X5XNBD C250 RckSvr, 2x X5550 24x4GB DDR3 LSI308	40,197.00 506.00	28,137.90 506.00
R250-PERF-BUNDLE CON-UCS1-R250BP1	UCS C250 Rack Svr, 2x X5570, 24x4 GB ddr3 1333,2 PS, LSI 6g UC SUPPORT 8X5XNBD C250 RckSvr, 2x X5570 12x4GB LSI6g	35,579.00 506.00	24,905.30 506.00
R250-PERF-BUNDLE-2 CON-UCS1-R200BP2	UCS C250 Rack Svr, 2x X5570, 48x4 GB DDR3 1333,2 PS, LSI 6g UC SUPPORT 8X5XNBD C250 RckSvr, 2x X5570 24x4GB 2PS LSI6g	43,376.00 506.00	30,363.20 506.00
<b>UCS C250 M1 Base Rack Server (* Select Options)</b>			
R250-2480805	UCS C250M1 Svr w/1PSU, DVD, w/o CPU, mem, HDD, or PCIe crd	12,188.00	8,531.60
<b>* Processor Options</b>			
N20-X00001	2.93GHz Xeon X5570 95W CPU/8MB cache/DDR3 1333MHz	3,936.00	2,755.20
N20-X00002	2.53GHz Xeon E5540 80W CPU/8MB cache/DDR3 1066MHz	2,061.00	1,442.70
N20-X00006	2.66GHz Xeon X5550 95W CPU/8MB cache/DDR3 1333MHz	2,754.00	1,927.80
N20-X00003	2.26GHz Xeon E5520 80W CPU/8MB cache/DDR3 1066MHz	1,124.00	786.80
N20-X00009	2.00GHz Xeon E5504 80W CPU/4MB cache/DDR3 800MHz	691.00	483.70
N20-X00004	2.26GHz Xeon L5520 60W CPU/8MB cache/DDR3 1066MHz	1,499.00	1,049.30
<b>* Memory Options</b>			
A02-M308GB1-2	8GB DDR3-1333MHz RDIMM/PC3-10600/2x4GB Kit	788.00	551.60
A02-M316GB1-2	16GB DDR3-1333MHz RDIMM/PC3-10600/2x8GB Kit	1,534.00	1,073.80
<b>* Memory License Options</b>			
A02-MEMEXPAND	Memory Expansion License, required for 193GB or greater	0.00	0.00

**\* RAID Controller Options**

R2XX-PL003	LSI 6G MegaRAID 9261-8i card (RAID 0,1,5,6,10,60) - 512WC	1,591.00	1,113.70
R250-PL003	LSI SAS30813E-R - SAS/SATA RAID 0/1 PCIe Card	380.00	266.00

**\* RAID Controller Battery Backup and Setup Options**

R2XX-LBBU2	Battery Back-up	281.00	196.70
R2XX-RAID0	Enable RAID 0 Setting	1.00	0.70
R2XX-RAID1	Enable RAID 1 Setting	1.00	0.70
R2XX-RAID5	Enable RAID 5 Setting	1.00	0.70
R2XX-RAID6	Enable RAID 6 Setting	1.00	0.70
R2XX-RAID10	Enable RAID 10 Setting	1.00	0.70

**\* PCI Express Card Options**

N2XX-AQPCI01	Qlogic QLE 8152-CNA 2port 10Gb SFP+ Copper	2,435.00	1,704.50
N2XX-ABPCI02	Broadcom 57711 Dual Port 10GbE NIC w/TOE iSCSI	1,869.00	1,308.30
N2XX-ABPCI03	Broadcom 5709 Quad Port 10/100/1Gb NIC w/TOE iSCSI	1,001.00	700.70
N2XX-AEPCI03	Emulex LPe 11002, 4Gb Fibre Channel PCIe Dual Channel HBA	3,045.00	2,131.50
N2XX-AQPCI03	Qlogic QLE2462, 4Gb dual port Fibre Channel Host Bus Adapter	3,045.00	2,131.50
N2XX-ABPCI01	Broadcom 5709 Dual-Port Ethernet PCIe Adapter	373.00	261.10
N2XX-AIPCI02	Intel Quad port GbE Controller (E1G44ETG1P20)	999.00	699.30

**\* Hard Drive Options**

R2XX-D500GCSATA	500GB SATA 7.2K RPM SFF HDD/hot plug/C-Series drive sled	542.00	379.40
A03-D073GC2	73GB 6Gb SAS 15K RPM SFF HDD/hot plug/drive sled mounted	561.00	392.70
A03-D146GA2	146GB 6Gb SAS 10K RPM SFF HDD/hot plug/drive sled mounted	486.00	340.20
A03-D300GA2	300GB 6Gb SAS 10K RPM SFF HDD/hot plug/drive sled mounted	842.00	589.40

**\* Rail Kit Accessories**

R250-SLDRAIL	Rail Kit - UCS C200, C210 and 250 M1 Rack Servers	279.00	195.30
R250-CBLARM	Cable Management for UCS 250 M1 Rack Server	140.00	98.00

**\* Redundant Power Supply**

R250-PSU2-750W	750W power supply unit for UCS C250 M1 Rack Server	560.00	392.00
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**\* Spare Power Cable Options**

CAB-N5K6A-NA=	Power Cord, 200/240V 6A North America	50.00	35.00
CAB-AC-250V/13A=	North America,NEMA L6-20 250V/20A plug-IEC320/C13 receptacle	80.00	56.00

## Cisco UCS C250 M2 Rackmount Servers

Cisco® UCS C-Series Rack-Mount Servers extend unified computing innovations to an industry-standard form factor to help reduce total cost of ownership (TCO) and increase business agility. Designed to operate both in standalone environments and as part of the Cisco Unified Computing System™, the series employs Cisco technology to help customers handle the most challenging workloads. The series incorporates a standards-based unified network fabric, Cisco VN-Link virtualization support, and Cisco Extended Memory Technology. It supports an incremental deployment model and protects customer investments with a future migration path to unified computing. The Cisco UCS C250 M2 Extended-Memory Rack-Mount Server is a two-socket, two-rack-unit (2RU) rack-mount server featuring patented Cisco Extended Memory Technology. It is designed to increase performance and capacity for demanding virtualization and large-data-set workloads. It also can reduce the cost of smaller memory footprints. This server is built for virtualized workloads in enterprise data centers, service provider environments, and virtual desktop hosting. The system also helps increase performance for large-data-set workloads, including database management systems and modeling and simulation applications. Applications that are memory bound today will benefit from the 384 GB of addressable memory that the Cisco UCS C250 M2 server offers. Building on the success of the Cisco UCS C250 M1 Extended-Memory Rack-Mount Server, the Cisco UCS C250 M2 server extends the capabilities of the Cisco Unified Computing System with the next generation of Intel processor technology: Intel® Xeon® 5600 series processors. These powerful processors deliver more cores, threads, and cache, all within a similar power envelope, with even faster payback, greater productivity, and better energy efficiency than preceding models. When put into production, Cisco Unified Computing System and Intel Xeon 5600 series processors together offer further reductions in TCO, increased business agility, and another big leap forward in data center virtualization.

You can learn more about the Cisco UCS C250 M2 Rackmount Server on Cisco's website at the following URL:

<http://tinyurl.com/cisco-C250-M2>

For sales and account support, please contact one of Cisco's local account managers:

Ron Anderson ronande@cisco.com 601-607-3652  
 Allan Davis aldavis@cisco.com 408-894-7290

<u>Cisco Product SKU</u>	<u>Description</u>	<u>USD List Price</u>	<u>EPL Price</u>
<b>UCS C250 M2 Base Rack Server Bundles</b>			
R250-STND-CNFGW	UCS C250 Rack Svr, 2x X5650,24x4 GB ddr3 1333,2 PS, LSI308	28,957.00	20,269.90
CON-UCS1-R250BS1W	UC SUPPORT 8X5XNBD UCSC250 Rack Svr, 2xX5650 24x4GB	524.00	524.00
R250-STND-CNFGW-2	UCS C250 Rack Svr, 2x X5650,48x4 GB DDR3 1333,2 PS, LSI308	39,277.00	27,493.90
CON-UCS1-R250BS2W	UC SUPPORT 8X5XNBD UCS C250 Rack Svr, 2x X5650 48x4 GB	524.00	524.00
R250-PERF-CNFGW	UCS C250 Rack Svr, 2x X5670, 24x4 GB ddr3 1333,2 PS, LSI 6g	32,345.00	22,641.50
CON-UCS1-R250BP1W	UC SUPPORT 8X5XNBD UCS C250 Rack Svr, 2x X5670 24x4 GB	524.00	524.00
R250-PERF-CNFGW-2	UCS C250 Rack Svr, 2x X5670, 48x4 GB DDR3 1333,2 PS, LSI 6g	42,665.00	29,865.50
CON-UCS1-R250BP2W	UC SUPPORT 8X5XNBD UCS C250 Rack Svr, 2x X5670 48x4GB LSI6g	524.00	524.00
<b>UCS C250 M2 Base Rack Server (* Select Options)</b>			
R250-2480805W	UCS C250 M2 Srvr w/1PSU,DVD w/o CPU, mem, HDD, or PCIe card	4,687.00	3,280.90
<b>* Processor Options</b>			
A01-X0100	3.33GHz Xeon X5680 130W CPU/12MB cache/DDR3 1333MHz	4,686.00	3,280.20
A01-X0102	2.93GHz Xeon X5670 95W CPU/12MB cache/DDR3 1333MHz	3,842.00	2,689.40
A01-X0105	2.66GHz Xeon X5650 95W CPU/12MB cache/DDR3 1333MHz	2,754.00	1,927.80
A01-X0109	2.66GHz Xeon E5640 80W CPU/12MB cache/DDR3 1066MHz	2,061.00	1,442.70
A01-X0111	2.40GHz Xeon E5620 80W CPU/12MB cache/DDR3 1066MHz	1,124.00	786.80
N20-X00001	2.93GHz Xeon X5570 95W CPU/8MB cache/DDR3 1333MHz	3,936.00	2,755.20
N20-X00002	2.53GHz Xeon E5540 80W CPU/8MB cache/DDR3 1066MHz	2,061.00	1,442.70
N20-X00006	2.66GHz Xeon X5550 95W CPU/8MB cache/DDR3 1333MHz	2,754.00	1,927.80

**\* Memory Options**

A02-M308GB1-2	8GB DDR3-1333MHz RDIMM/PC3-10600/2x4GB Kit	788.00	551.60
A02-M316GB1-2	16GB DDR3-1333MHz RDIMM/PC3-10600/2x8GB Kit	1,534.00	1,073.80
A02-M308GB1-2-L	8GB DDR3-1333MHz RDIMM/PC3-10600/2x4GB Kit/Low Voltage	826.00	578.20

**\* Memory License Options**

A02-MEMEXPAND	Memory Expansion License, required for 193GB or greater	0.00	0.00
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**\* RAID Controller Options**

R2XX-PL003	LSI 6G MegaRAID 9261-8i card (RAID 0,1,5,6,10,60) - 512WC	1,591.00	1,113.70
R250-PL003	LSI SAS30813E-R - SAS/SATA RAID 0/1 PCIe Card	380.00	266.00

**\* RAID Controller Battery Backup and Setup Options**

R2XX-LBBU2	Battery Back-up	281.00	196.70
R2XX-RAID0	Enable RAID 0 Setting	1.00	0.70
R2XX-RAID1	Enable RAID 1 Setting	1.00	0.70
R2XX-RAID5	Enable RAID 5 Setting	1.00	0.70
R2XX-RAID6	Enable RAID 6 Setting	1.00	0.70
R2XX-RAID10	Enable RAID 10 Setting	1.00	0.70

**\* PCI Express Card Options**

N2XX-AQPCI01	Qlogic QLE 8152-CNA 2port 10Gb SFP+ Copper	2,435.00	1,704.50
N2XX-ABPCI02	Broadcom 57711 Dual Port 10GbE NIC w/TOE iSCSI	1,869.00	1,308.30
N2XX-ABPCI03	Broadcom 5709 Quad Port 10/100/1Gb NIC w/TOE iSCSI	1,001.00	700.70
N2XX-AEPCI03	Emulex LPe 11002, 4Gb Fibre Channel PCIe Dual Channel HBA	3,045.00	2,131.50
N2XX-AQPCI03	Qlogic QLE2462, 4Gb dual port Fibre Channel Host Bus Adapter	3,045.00	2,131.50
N2XX-AEPCI01	Emulex OneConnect OCe10102-F CNA 2 port 10Gb	2,435.00	1,704.50
N2XX-AIPCI01	Intel Dual Port 10 GbE Ethernet X520 Server Adapter	1,873.00	1,311.10
N2XX-ABPCI01	Broadcom 5709 Dual-Port Ethernet PCIe Adapter	373.00	261.10
N2XX-AIPCI02	Intel Quad port GbE Controller (E1G44ETG1P20)	999.00	699.30
N2XX-ACPCI01	Cisco UCS P81E Virtual Interface Card/ 2-port 10Gbps	1,594.00	1,115.80

**\* Hard Drive Options**

R2XX-D500GCSATA	500GB SATA 7.2K RPM SFF HDD/hot plug/C-Series drive sled	542.00	379.40
A03-D073GC2	73GB 6Gb SAS 15K RPM SFF HDD/hot plug/drive sled mounted	561.00	392.70
A03-D146GA2	146GB 6Gb SAS 10K RPM SFF HDD/hot plug/drive sled mounted	486.00	340.20
A03-D146GC2	146GB 6Gb SAS 15K RPM SFF HDD/hot plug/drive sled mounted	748.00	523.60
A03-D300GA2	300GB 6Gb SAS 10K RPM SFF HDD/hot plug/drive sled mounted	842.00	589.40
A03-D100SSD	100GB SATA SSD SFF HDD/hot plug/drive sled mounted	3,936.00	2,755.20
A03-D600GA2	600GB 6Gb SAS 10K RPM SFF HDD/hot plug/drive sled mounted	1,498.00	1,048.60

**\* Rail Kit Accessories**

R250-SLDRAIL	Rail Kit - UCS C200, C210 and 250 M1 Rack Servers	279.00	195.30
R250-CBLARM	Cable Management for UCS 250 M1 Rack Server	140.00	98.00

**\* Redundant Power Supply**

R250-PSU2-750W	750W power supply unit for UCS C250 M1 Rack Server	560.00	392.00
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**\* Spare Power Cable Options**

CAB-N5K6A-NA=	Power Cord, 200/240V 6A North America	50.00	35.00
CAB-AC-250V/13A=	North America,NEMA L6-20 250V/20A plug-IEC320/C13 receptacle	80.00	56.00

## Cisco UCS C460 M1 High-Performance Rackmount Servers

Cisco® UCS C-Series Rack-Mount Servers extend unified computing innovations to an industry-standard form factor to help reduce total cost of ownership (TCO) and increase business agility. Designed to operate both in standalone environments and as part of the Cisco Unified Computing System™, the series employs Cisco technology to help customers handle the most challenging workloads. The series incorporates a standards-based unified network fabric, Cisco VN-Link virtualization support, and Cisco Extended Memory Technology. It supports an incremental deployment model and protects customer investments with a future migration path to unified computing. The Cisco UCS C460 M1 High-Performance Rack-Mount Server is designed with the performance and reliability to power compute-intensive, enterprise-critical standalone applications and virtualized workloads. The system is a four-rack-unit (4RU) form-factor (SFF) hot-pluggable SAS and SATA disk drives. Abundant I/O capability is provided by 10 PCI Express (PCIe) slots supporting the Cisco UCS C-Series network adapters, with an eleventh PCIe slot reserved for a hard disk drive array controller card. Additional I/O is provided by two Gigabit Ethernet LAN-on-motherboard (LOM) ports, two 10 Gigabit Ethernet ports, and two dedicated out-of-band (OOB) management ports. With the addition of the Cisco UCS C460 M1 server, the Cisco Unified Computing System portfolio offers customers more options to tailor system capabilities to application demands, eliminating waste and delivering balanced scaling. Whether they are core and thread, processor-frequency, memory-speed, or capacity intensive, both standalone applications and virtual machine stacks can be handled with accuracy on the Cisco Unified Computing System.

You can learn more about the Cisco UCS C460 M1 High-Performance Rackmount Server on Cisco's website at the following URL:  
<http://tinyurl.com/cisco-C460-M1>

For sales and account support, please contact one of Cisco's local account managers:

Ron Anderson ronande@cisco.com 601-607-3652  
 Allan Davis aldavis@cisco.com 408-894-7290

<u>Cisco Product SKU</u>	<u>Description</u>	<u>USD List Price</u>	<u>EPL Price</u>
<b>UCS C460 M2 Base Rack Server (* Select Options)</b>			
R460-4640810	UCS C460 M1 Rack SVR w/o CPU, mem, HDD, PCIe cards	10,650.00	7,455.00
<b>* Processor Options</b>			
A01-X0200	2.26GHz Xeon X7560 130W CPU/24MB cache	9,373.00	6,561.10
A01-X0201	2.00GHz Xeon X7550 130W CPU/18MB cache	6,936.00	4,855.20
A01-X0202	2.67GHz Xeon X7542 130W CPU/12MB cache	5,061.00	3,542.70
A01-X0203	2.00GHz Xeon E7540 105W CPU/18MB cache	5,391.00	3,773.70
A01-X0206	1.86GHz Xeon L7555 95W CPU/24MB cache	8,061.00	5,642.70
A01-X0209	1.86GHz Xeon E7520 95W CPU/18MB cache	2,475.00	1,732.50
<b>* Memory Options</b>			
A02-M308GB3-2	8GB DDR3-1333MHz RDIMM/PC3-10600/2x4GB Kit	920.00	644.00
A02-M316GB3-2	16GB DDR3-1333MHz RDIMM/PC3-10600/2x8GB Kit	1,684.00	1,178.80
A02-M308GD5-2	8GB DDR3-1333MHz RDIMM/PC3-10600/2x4GB 2R Kit	788.00	551.60
A02-M316GD5-2	16GB DDR3-1333MHz RDIMM/PC3-10600/2x8GB 2R Kit	1,608.00	1,125.60
A02-M316GB4-2	16GB DDR3-1066MHz RDIMM/PC3-8500/quad rank/2x8GB Kit/LV	3,999.00	2,799.30
<b>* Memory Riser Board</b>			
RC460-MRB	MEMORY RISER BOARD FOR C460 M1	538.00	376.60
<b>* RAID Controller Options</b>			
RC460-PL001	LSI CONTROLLER 9260-8i	1,113.00	779.10
RC460-PL002	LSI CONTROLLER 9240-8i (NO BATTERY BACK UP)	630.00	441.00

<b>* RAID Controller Battery Backup and Setup Options</b>			
RC460-LBBU	Battery Back-up	282.00	197.40
R2XX-RAID0	Enable RAID 0 Setting	1.00	0.70
R2XX-RAID1	Enable RAID 1 Setting	1.00	0.70
R2XX-RAID5	Enable RAID 5 Setting	1.00	0.70
R2XX-RAID6	Enable RAID 6 Setting	1.00	0.70
R2XX-RAID10	Enable RAID 10 Setting	1.00	0.70
<b>* PCI Express Card Options</b>			
N2XX-AQPCI01	Qlogic QLE 8152-CNA 2port 10Gb SFP+ Copper	2,435.00	1,704.50
N2XX-ABPCI02	Broadcom 57711 Dual Port 10GbE NIC w/TOE iSCSI	1,869.00	1,308.30
N2XX-ABPCI03	Broadcom 5709 Quad Port 10/100/1Gb NIC w/TOE iSCSI	1,001.00	700.70
N2XX-AEPCI03	Emulex LPe 11002, 4Gb Fibre Channel PCIe Dual Channel HBA	3,045.00	2,131.50
N2XX-AQPCI03	Qlogic QLE2462, 4Gb dual port Fibre Channel Host Bus Adapter	3,045.00	2,131.50
N2XX-AEPCI01	Emulex OneConnect OCe10102-F CNA 2 port 10Gb	2,435.00	1,704.50
N2XX-AIPCI02	Intel Quad port GbE Controller (E1G44ETG1P20)	999.00	699.30
N2XX-AIPCI01	Intel Dual Port 10 GbE Ethernet X520 Server Adapter	1,873.00	1,311.10
N2XX-ACPCI01	Cisco UCS P81E Virtual Interface Card/ 2-port 10Gbps	1,594.00	1,115.80
N2XX-AMPCI01	Mellanox ConnectX-2 EN with dual 10GbE SFP+ ports	1,873.00	1,311.10
<b>* Internal eUSB Storage</b>			
RC460-EUSB	eUSB	130.00	91.00
<b>* Hard Drive Options</b>			
R2XX-D500GCSATA	500GB SATA 7.2K RPM SFF HDD/hot plug/C-Series drive sled	542.00	379.40
A03-DU/3GC2	73GB 6Gb SAS 15K RPM SFF HDD/hot plug/drive sled mounted	561.00	392.70
A03-D300GA2	300GB 6Gb SAS 10K RPM SFF HDD/hot plug/drive sled mounted	842.00	589.40
A03-D146GC2	146GB 6Gb SAS 15K RPM SFF HDD/hot plug/drive sled mounted	748.00	523.60
A03-D100SSD	100GB SATA SSD SFF HDD/hot plug/drive sled mounted	3,936.00	2,755.20
A03-D600GA2	600GB 6Gb SAS 10K RPM SFF HDD/hot plug/drive sled mounted	1,498.00	1,048.60
<b>* Rail Kit Accessories</b>			
RC460-SLDRAIL	RAIL KIT FOR THE UCS C460 M1 RACK SERVER	310.00	217.00
RC460-CBLARM	CABLE MANAGEMENT ARM FOR C460 M1	189.00	132.30
<b>* Redundant Power Supply</b>			
RC460-PSU2-850W=	850W POWER SUPPLY UNIT FOR C-SERIES C460 M1	613.00	429.10
<b>* Spare Power Cable Options</b>			
CAB-N5K6A-NA=	Power Cord, 200/240V 6A North America	50.00	35.00
CAB-AC-250V/13A=	North America,NEMA L6-20 250V/20A plug-IEC320/C13 receptacle	80.00	56.00
CAB-9K12A-NA=	Power Cord, 125VAC 13A NEMA 5-15 Plug, North America	25.00	17.50

## Cisco UCS B200 M2 Blade Servers

The Cisco® Unified Computing System is a next-generation data center platform that unites compute, network, storage access, and virtualization into a cohesive system designed to reduce total cost of ownership (TCO) and increase business agility. The system integrates a low-latency, lossless 10 Gigabit Ethernet unified network fabric with enterprise-class, x86-architecture servers. The system is an integrated, scalable, multichassis platform in which all resources participate in a unified management domain. The Cisco UCS B200 M2 Blade Server balances simplicity, performance, and density for production-level virtualization and other mainstream data-center workloads. The server is a half-width, 2-socket blade server with substantial throughput and scalability. Building on the success of the UCS B200 M1 server, the UCS B200 M2 server extends the capabilities of the Cisco Unified Computing System. It uses Intel's latest Xeon 5600 series multicore processors to deliver even better performance and efficiency. A Cisco UCS 5108 Blade Server Chassis can house up to 8 UCS B200 M2 Blade Servers, with a maximum of 160 per Unified Computing System.

You can learn more about the Cisco UCS B200 M2 Blade Server on Cisco's website at the following URL:

<http://tinyurl.com/cisco-B200-M2>

For sales and account support, please contact one of Cisco's local account managers:

Ron Anderson ronande@cisco.com 601-607-3652  
 Allan Davis aldavis@cisco.com 408-894-7290

<u>Cisco Product SKU</u>	<u>Description</u>	<u>USD List Price</u>	<u>EPL Price</u>
<b>UCS B200 M2 Blade Server (* Select Options)</b>			
N20-B6625-1	UCS B200 M2 Blade Server w/o CPU, memory, HDD, mezzanine	2,954.00	2,067.80
<b>UCS B200 M2 Blade Server - Spare (* Select Options)</b>			
N20-B6625-1-UPG	UCS B200 M2 Blade Server w/o CPU, memory, HDD, mezzanine	2,954.00	2,067.80
<b>* Processor Options</b>			
A01-X0100	3.33GHz Xeon X5680 130W CPU/12MB cache/DDR3 1333MHz	4,686.00	3,280.20
A01-X0102	2.93GHz Xeon X5670 95W CPU/12MB cache/DDR3 1333MHz	3,842.00	2,689.40
A01-X0105	2.66GHz Xeon X5650 95W CPU/12MB cache/DDR3 1333MHz	2,754.00	1,927.80
A01-X0106	2.26GHz Xeon L5640 60W CPU/12MB cache/DDR3 1066MHz	2,716.00	1,901.20
A01-X0109	2.66GHz Xeon E5640 80W CPU/12MB cache/DDR3 1066MHz	2,061.00	1,442.70
A01-X0113	2.13GHz Xeon E5506 80W CPU/4MB cache/DDR3 800MHz	795.00	556.50
N20-X00001	2.93GHz Xeon X5570 95W CPU/8MB cache/DDR3 1333MHz	3,936.00	2,755.20
N20-X00002	2.53GHz Xeon E5540 80W CPU/8MB cache/DDR3 1066MHz	2,061.00	1,442.70
N20-X00003	2.26GHz Xeon E5520 80W CPU/8MB cache/DDR3 1066MHz	1,124.00	786.80
N20-X00004	2.26GHz Xeon L5520 60W CPU/8MB cache/DDR3 1066MHz	1,499.00	1,049.30
N20-X00006	2.66GHz Xeon X5550 95W CPU/8MB cache/DDR3 1333MHz	2,754.00	1,927.80
A01-X0115	Intel Xeon X5690 3.46GHz /6c/130W/12MB cache/DDR3 1333MHz	4,686.00	3,280.20
A01-X0117	Intel Xeon X5675 3.06GHz /6c/95W/12MB cache/DDR3 1333MHz	3,842.00	2,689.40
A01-X0120	Intel Xeon E5649 2.53GHz /6c/80W/12MB cache/DDR3 1333MHz	2,061.00	1,442.70
<b>* Memory Options</b>			
N01-M304GB1	4GB DDR3-1333MHz RDIMM/PC3-10600/dual rank 1Gb DRAMs	394.00	275.80
N01-M304GB1-L	4GB DDR3-1333MHz RDIMM/PC3-10600/dual rank/Low-Dual Volt	413.00	289.10
N01-M308GB2	8GB DDR3-1333MHz RDIMM/PC3-10600/dual rank 2Gb DRAMs	767.00	536.90
N01-M308GB2-L	8GB DDR3-1333MHz RDIMM/PC3-10600/dual rank/Low-Dual Volt	842.00	589.40
A02-M304GB2-L	4GB DDR3-1333MHz RDIMM/PC3-10600/single rank/Low-Dual Volt	413.00	289.10
A02-M316GB2-L	16GB DDR3-1066MHz RDIMM/PC3-8500/quad rank/Low-Dual Volt	1,873.00	1,311.10

**\* PCI Express Card Options**

N20-AI0002	UCS 82598KR-CI 10-Gigabit Ethernet Adapter/PCIe/2-port 10Gb	1,311.00	917.70
N20-AQ0002	UCS M71KR-Q Qlogic Converged Network Adapter/PCIe/2port 10Gb	1,404.00	982.80
N20-AE0002	UCS M71KR-E Emulex Converged Network Adapter/PCIe/2port 10Gb	1,499.00	1,049.30
N20-AC0002	UCS M81KR Virtual Interface Card/PCIe/2-port 10Gb	1,499.00	1,049.30
N20-AQ0102	Cisco UCS CNA M72KR-Q Qlogic Converged Network Adapter	1,498.00	1,048.60
N20-AE0102	Cisco UCS CNA M72KR-E Emulex Converged Network Adapter	1,592.00	1,114.40
N20-AI0102	Cisco UCS CNA M61KR-I Intel Converged Network Adapter	1,217.00	851.90
N20-AB0002	Cisco UCS NIC M51KR-B Broadcom BCM57711 Network Adapter	1,179.00	825.30

**\* Hard Drive Options**

A03-D073GC2	73GB 6Gb SAS 15K RPM SFF HDD/hot plug/drive sled mounted	561.00	392.70
A03-D146GA2	146GB 6Gb SAS 10K RPM SFF HDD/hot plug/drive sled mounted	486.00	340.20
A03-D146GC2	146GB 6Gb SAS 15K RPM SFF HDD/hot plug/drive sled mounted	748.00	523.60
A03-D300GA2	300GB 6Gb SAS 10K RPM SFF HDD/hot plug/drive sled mounted	842.00	589.40
A03-D100SSD	100GB SATA SSD SFF/hot plug/drive sled mounted	3,936.00	2,755.20
A02-D600GA2	600GB 6Gb SAS 10K RPM SFF HDD/hot plug/drive sled mounted	1,498.00	1,048.60

## Cisco UCS B230 M1 Blade Servers

The Cisco® Unified Computing System is a next-generation data center platform that unites compute, network, storage access, and virtualization into a cohesive system designed to reduce total cost of ownership (TCO) and increase business agility. The system integrates a low-latency, lossless 10 Gigabit Ethernet unified network fabric with enterprise-class, x86-architecture servers. The system is an integrated, scalable, multichassis platform in which all resources participate in a unified management domain. The Cisco® UCS B230 M1 Blade Server is one of the industry's highest-density two-socket blade server platforms. It is a critical new building block in the Cisco Unified Computing System™ portfolio, offering compact performance for enterprise-critical applications within the Cisco Unified Computing System architecture. It is an excellent choice for IT departments that are looking for ways to increase computing performance and memory capacity while getting the most value from the available space in their data centers. With this broadened portfolio, Cisco continues its commitment to being a trusted x86 systems provider with a full range of system options. With the addition of the Cisco UCS B230 M1, the Cisco Unified Computing System gives customers new choices to help avoid deployment of mission-critical applications into silos of "accidental" architectures.

The Cisco UCS B230 M1 is based on industry-standard server technologies and provides one or two Intel Xeon 6500 or 7500 series multicore processors, for up to 16 processing cores. 32 DIMM slots for industry-standard Samsung 40-nanometer (nm) class technology using double-data-rate 3 (DDR3) memory. Two optional solid-state drives (SSDs). One dual-port mezzanine slot for up to 20 Gbps of redundant I/O throughput. The Cisco UCS B230 M1 is a half-width blade, up to eight of these high-density two-socket servers can reside in the six-rack-unit (6RU) Cisco UCS 5100 Series Blade Server Chassis, offering one of the highest densities of servers per rack unit in the industry.

You can learn more about the Cisco UCS B230 M1 Blade Server on Cisco's website at the following URL:  
<http://tinyurl.com/cisco-B230-M1>

For sales and account support, please contact one of Cisco's local account managers:

Ron Anderson ronande@cisco.com 601-607-3652  
 Allan Davis aldavis@cisco.com 408-894-7290

<u>Cisco Product SKU</u>	<u>Description</u>	<u>USD List Price</u>	<u>EPL Price</u>
<b>UCS B230 M1 Blade Server (* Select Options)</b>			
N20-B6730-1	UCS B200 M2 Blade Server w/o CPU, memory, HDD, mezzanine	7,200.00	5,040.00
<b>UCS B230 M1 Blade Server - Spare (* Select Options)</b>			
N20-B6730-1-UPG	UCS B200 M2 Blade Server w/o CPU, memory, HDD, mezzanine	7,200.00	5,040.00
<b>* Processor Options</b>			
A01-X0308	2GHz Xeon X6550 130W 8C CPU/18MB cache	6,715.00	4,700.50
A01-X0304	2GHz Xeon E6540 105W 6C CPU/18MB cache	4,858.00	3,400.60
A01-X0302	1.73GHz Xeon E6510 105W 4C CPU/12MB cache	2,156.00	1,509.20
A01-X0200	2.26GHz Xeon X7560 130W CPU/24MB cache	9,373.00	6,561.10
A01-X0206	1.86GHz Xeon L7555 95W CPU/24MB cache	8,061.00	5,642.70
<b>* Memory Options</b>			
A02-M308GB3-2	8GB DDR3-1333MHz RDIMM/PC3-10600/2x4GB 2R Kit/Low-Dual Volt	920.00	644.00
A02-M316GB3-2	16GB DDR3-1333MHz RDIMM/PC3-10600/2x8GB 2R Kit/Low-Dual Volt	1,684.00	1,178.80
A02-M332GB3-2-L	32GB DDR3-1333MHz RDIMM/PC3-10600/2x16GB 4R Kit/Low-Dual Volt	3,746.00	2,622.20
A02-M308GD5-2	8GB DDR3-1333MHz RDIMM/PC3-10600/2x4GB 2R Kit	788.00	551.60
A02-M316GD5-2	16GB DDR3-1333MHz RDIMM/PC3-10600/2x8GB 2R Kit	1,534.00	1,073.80

**\* PCI Express Card Options**

N20-AQ0102	Cisco UCS CNA M72KR-Q Qlogic Converged Network Adapter	1,498.00	1,048.60
N20-AE0102	Cisco UCS CNA M72KR-E Emulex Converged Network Adapter	1,592.00	1,114.40
N20-AI0102	Cisco UCS CNA M61KR-I Intel Converged Network Adapter	1,217.00	851.90
N20-AB0002	Cisco UCS NIC M51KR-B Broadcom BCM57711 Network Adapter	1,179.00	825.30

**\* Hard Drive Options**

A02-D100SSD-LH	100GB Low Height 7mm SATA SSD hot plug/drive sled mounted	5,061.00	3,542.70
N20-D032SSD	32GB Low Height 7mm SATA SSD hot plug/drive sled mounted	1,686.00	1,180.20
N20-D064SSD	64GB Low Height 7mm SATA SSD hot plug/drive sled mounted	2,436.00	1,705.20

## Cisco UCS B250 M2 Extended Memory Blade Servers

The Cisco® Unified Computing System is a next-generation data center platform that unites compute, network, storage access, and virtualization into a cohesive system designed to reduce total cost of ownership (TCO) and increase business agility. The system integrates a low-latency, lossless 10 Gigabit Ethernet unified network fabric with enterprise-class, x86-architecture servers. The system is an integrated, scalable, multichassis platform in which all resources participate in a unified management domain. The Cisco UCS B250 M2 Extended Memory Blade Server increases performance and capacity for demanding virtualization and large-data-set workloads. The server is a full-width, two-socket blade server with substantial throughput and more than twice the memory capacity of other Intel Xeon 5600 series-based two-socket servers. It takes advantage of the most advanced Samsung 40 nm DDR3 ultra low power memory technology. A Cisco UCS 5108 Blade Server Chassis can house up to four Cisco UCS B250 M2 Extended Memory Blade Servers, with a maximum of 160 per Cisco Unified Computing System.

You can learn more about the Cisco UCS B250 M2 Blade Server on Cisco's website at the following URL:  
<http://tinyurl.com/cisco-B250-M2>

For sales and account support, please contact one of Cisco's local account managers:

Ron Anderson ronande@cisco.com 601-607-3652  
 Allan Davis aldavis@cisco.com 408-894-7290

<u>Cisco Product SKU</u>	<u>Description</u>	<u>USD List Price</u>	<u>EPL Price</u>
<b>UCS B250 M2 Blade Server (* Select Options)</b>			
N20-B6625-2	UCS B250 M2 Blade Server w/o CPU, memory, HDD, mezzanine	5,156.00	3,609.20
<b>UCS B250 M2 Blade Server - Spare (* Select Options)</b>			
N20-B6625-2-UPG	UCS B250 M2 Blade Server w/o CPU, memory, HDD, mezzanine	5,156.00	3,609.20
<b>* Processor Options</b>			
A01-X0100	3.33GHz Xeon X5680 130W CPU/12MB cache/DDR3 1333MHz	4,686.00	3,280.20
A01-X0102	2.93GHz Xeon X5670 95W CPU/12MB cache/DDR3 1333MHz	3,842.00	2,689.40
A01-X0105	2.66GHz Xeon X5650 95W CPU/12MB cache/DDR3 1333MHz	2,754.00	1,927.80
A01-X0106	2.26GHz Xeon L5640 60W CPU/12MB cache/DDR3 1066MHz	2,716.00	1,901.20
A01-X0109	2.66GHz Xeon E5640 80W CPU/12MB cache/DDR3 1066MHz	2,061.00	1,442.70
A01-X0111	2.40GHz Xeon E5620 80W CPU/12MB cache/DDR3 1066MHz	1,124.00	786.80
A01-X0115	Intel Xeon X5690 3.46GHz /6c/130W/12MB cache/DDR3 1333MHz	4,686.00	3,280.20
A01-X0117	Intel Xeon X5675 3.06GHz /6c/95W/12MB cache/DDR3 1333MHz	3,842.00	2,689.40
A01-X0120	Intel Xeon E5649 2.53GHz /6c/80W/12MB cache/DDR3 1333MHz	2,061.00	1,442.70
N20-X00001	2.93GHz Xeon X5570 95W CPU/8MB cache/DDR3 1333MHz	3,936.00	2,755.20
N20-X00002	2.53GHz Xeon E5540 80W CPU/8MB cache/DDR3 1066MHz	2,061.00	1,442.70
N20-X00003	2.26GHz Xeon E5520 80W CPU/8MB cache/DDR3 1066MHz	1,124.00	786.80
N20-X00004	2.26GHz Xeon L5520 60W CPU/8MB cache/DDR3 1066MHz	1,499.00	1,049.30
N20-X00006	2.66GHz Xeon X5550 95W CPU/8MB cache/DDR3 1333MHz	2,754.00	1,927.80
<b>* Memory Options</b>			
A02-M308GB1-2	8GB DDR3-1333MHz RDIMM/PC3-10600/2X4GB 2R Kit	788.00	551.60
A02-M308GB1-2-L	8GB DDR3-1333MHz RDIMM/PC3-10600/2X4GB 2R Kit/Low-Dual Volt	862.00	603.40
A02-M308GB2-2-L	8GB DDR3-1333MHz RDIMM/PC3-10600/2X4GB 1R Kit/Low-Dual Volt	862.00	603.40
A02-M316GB1-2	16GB DDR3-1333MHz RDIMM/PC3-10600/2x8GB 2R Kit	1,534.00	1,073.80
A02-M316GB1-2-L	16GB DDR3-1333MHz RDIMM/PC3-10600/2x8GB 2R Kit/Low-Dual Volt	1,684.00	1,178.80

**\* PCI Express Card Options**

N20-AQ0002	UCS M71KR-Q Qlogic Converged Network Adapter/PCIe/2port 10Gb	1,404.00	982.80
N20-AE0002	UCS M71KR-E Emulex Converged Network Adapter/PCIe/2port 10Gb	1,499.00	1,049.30
N20-AC0002	UCS M81KR Virtual Interface Card/PCIe/2-port 10Gb	1,499.00	1,049.30
N20-AQ0102	Cisco UCS CNA M72KR-Q Qlogic Converged Network Adapter	1,498.00	1,048.60
N20-AE0102	Cisco UCS CNA M72KR-E Emulex Converged Network Adapter	1,592.00	1,114.40
N20-AI0102	Cisco UCS CNA M61KR-I Intel Converged Network Adapter	1,217.00	851.90
N20-AB0002	Cisco UCS NIC M51KR-B Broadcom BCM57711 Network Adapter	1,179.00	825.30

**\* Hard Drive Options**

A03-D073GC2	73GB 6Gb SAS 15K RPM SFF HDD/hot plug/drive sled mounted	561.00	392.70
A03-D146GA2	146GB 6Gb SAS 10K RPM SFF HDD/hot plug/drive sled mounted	486.00	340.20
A03-D146GC2	146GB 6Gb SAS 15K RPM SFF HDD/hot plug/drive sled mounted	748.00	523.60
A03-D300GA2	300GB 6Gb SAS 10K RPM SFF HDD/hot plug/drive sled mounted	842.00	589.40
A03-D100SSD	100GB SATA SSD SFF/hot plug/drive sled mounted	3,936.00	2,755.20
A02-D600GA2	600GB 6Gb SAS 10K RPM SFF HDD/hot plug/drive sled mounted	1,498.00	1,048.60

## Cisco UCS B440 M1 High Performance Blade Servers

The Cisco® Unified Computing System is a next-generation data center platform that unites compute, network, storage access, and virtualization into a cohesive system designed to reduce total cost of ownership (TCO) and increase business agility. The system integrates a low-latency, lossless 10 Gigabit Ethernet unified network fabric with enterprise-class, x86-architecture servers. The system is an integrated, scalable, multichassis platform in which all resources participate in a unified management domain. The Cisco® UCS B440 M1 High-Performance Blade Server delivers the performance and reliability to power compute-intensive enterprise-critical applications. By extending the agility and TCO benefits of unified computing to a wider range of workloads, the Cisco UCS B440 M1 helps IT departments free resources and respond more quickly to business demands. The Cisco UCS B440 M1 is based on industry-standard server technologies and provides two or four Intel® Xeon® 7500 series multicore processors for up to 32 processing cores. 32 DIMM slots for industry-standard double-data-rate 3 (DDR3) memory. Four optional front-accessible, hot-plug Small Form Factor (SFF) hard drives with an LSI Logic SAS2108 controller and integrated RAID. Two dual-port mezzanine card connections for up to 40 Gbps of redundant I/O throughput. The Cisco UCS B440 M1 is a full-width blade; up to four of these high-density four-socket servers can reside in the 6-rack-unit (6RU) Cisco UCS 5100 Series Blade Server Chassis.

You can learn more about the Cisco UCS B440 M1 Blade Server on Cisco's website at the following URL:  
<http://tinyurl.com/cisco-B440-M1>

For sales and account support, please contact one of Cisco's local account managers:

Ron Anderson ronande@cisco.com 601-607-3652  
 Allan Davis aldavis@cisco.com 408-894-7290

<u>Cisco Product SKU</u>	<u>Description</u>	<u>USD List Price</u>	<u>EPL Price</u>
<b>UCS B440 M1 Blade Server (* Select Options)</b>			
N20-B6740-2	UCS B440 M1 Blade Server w/o CPU, memory, HDD, mezzanine	13,594.00	9,515.80
<b>UCS B440 M1 Blade Server - Spare (* Select Options)</b>			
N20-B6740-2-UPG	UCS B440 M1 Blade Server w/o CPU, memory, HDD, mezzanine	13,594.00	9,515.80
<b>* Processor Options</b>			
A01-X0200	2.26GHz Xeon X7560 130W CPU/24MB cache	9,373.00	6,561.10
A01-X0201	2.00GHz Xeon X7550 130W CPU/18MB cache	6,936.00	4,855.20
A01-X0203	2.00GHz Xeon E7540 105W CPU/18MB cache	5,391.00	3,773.70
A01-X0206	1.86GHz Xeon L7555 95W CPU/24MB cache	8,061.00	5,642.70
A01-X0209	1.86GHz Xeon E7520 95W CPU/18MB cache	2,475.00	1,732.50
<b>* Memory Options</b>			
A02-M304GB3-2	4GB DDR3-1333MHz RDIMM/PC3-10600/2x2GB Kit	518.00	362.60
A02-M308GD5-2	8GB DDR3-1333MHz RDIMM/PC3-10600/2X4GB 2R Kit	788.00	551.60
A02-M308GB5-2	8GB DDR3-1333MHz RDIMM/PC3-10600/2X4GB 2R Kit/Low-Dual Volt	862.00	603.40
A02-M316GD5-2	16GB DDR3-1333MHz RDIMM/PC3-10600/2x8GB 2R Kit	1,534.00	1,073.80
A02-M316GB3-2	16GB DDR3-1333MHz RDIMM/PC3-10600/2x8GB 2R Kit/Low-Dual Volt	1,684.00	1,178.80
<b>* PCI Express Card Options</b>			
N20-AB0002	Cisco UCS NIC M51KR-B Broadcom BCM57711 Network Adapter	1,179.00	825.30
N20-AC0002	UCS M81KR Virtual Interface Card/PCIe/2-port 10Gb	1,499.00	1,049.30
N20-AE0002	UCS M71KR-E Emulex Converged Network Adapter/PCIe/2port 10Gb	1,499.00	1,049.30
N20-AE0102	Cisco UCS CNA M72KR-E Emulex Converged Network Adapter	1,592.00	1,114.40
N20-AQ0002	UCS M71KR-Q Qlogic Converged Network Adapter/PCIe/2port 10Gb	1,404.00	982.80
N20-AQ0102	Cisco UCS CNA M72KR-Q Qlogic Converged Network Adapter	1,498.00	1,048.60

* Hard Drive Options			
A03-D073GC2	73GB 6Gb SAS 15K RPM SFF HDD/hot plug/drive sled mounted	561.00	392.70
A03-D146GC2	146GB 6Gb SAS 15K RPM SFF HDD/hot plug/drive sled mounted	748.00	523.60
A03-D300GA2	300GB 6Gb SAS 10K RPM SFF HDD/hot plug/drive sled mounted	842.00	589.40
A03-D100SSD	100GB SATA SSD SFF/hot plug/drive sled mounted	3,936.00	2,755.20
A02-D600GA2	600GB 6Gb SAS 10K RPM SFF HDD/hot plug/drive sled mounted	1,498.00	1,048.60

* RAID Controller Options			
N20-BRAID-K1	RAID Upgrade Supporting RAID 5 and 6	207.00	144.90
N20-LBBU	Write cache battery back up for UCS B440	499.00	349.30

## Cisco UCS 5100 Series Blade Server Chassis

The Cisco UCS 5100 Series Blade Server Chassis is a crucial building block of the Cisco Unified Computing System, delivering a scalable and flexible architecture for current and future data center needs, while helping reduce total cost of ownership.

Cisco's first blade-server chassis offering, the Cisco UCS 5108 Blade Server Chassis, is six rack units (6RU) high, can mount in an industry-standard 19-inch rack, and uses standard front-to-back cooling. A chassis can accommodate up to eight half-width or four full-width Cisco UCS B-Series Blade Servers form factors within the same chassis. The Cisco UCS 5108 Blade Server Chassis revolutionizes the use and deployment of blade-based systems. By incorporating unified fabric and fabric-extender technology, the Cisco Unified Computing System enables the chassis to have fewer physical components, require no independent management, and be more energy efficient than traditional blade-server chassis. This simplicity eliminates the need for dedicated chassis management and blade switches, reduces cabling, and allowing scalability to 40 chassis without adding complexity. The Cisco UCS 5108 Blade Server Chassis is a critical component in delivering the simplicity and IT responsiveness for the data center as part of the Cisco Unified Computing System.

You can learn more about the Cisco UCS 5100 Series Blade Server Chassis on Cisco's website at the following URL:  
<http://tinyurl.com/cisco-UCS-5100>

For sales and account support, please contact one of Cisco's local account managers:

Ron Anderson ronande@cisco.com 601-607-3652  
 Allan Davis aldavis@cisco.com 408-894-7290

<u>Cisco Product SKU</u>	<u>Description</u>	<u>USD List Price</u>	<u>EPL Price</u>
<b>UCS 5108 Series Blade Server Chassis (* Select Options)</b>			
N20-B6740-2	UCS 5108 Blade Svr AC Chassis/0 PSU/8 fans/0 fabric extender	5,999.00	4,199.30
<b>UCS 5108 Series Blade Server Chassis - Spare (* Select Options)</b>			
N20-B6740-2-UPG	UCS 5108 Blade Svr AC Chassis/0 PSU/8 fans/0 fabric extender	5,999.00	4,199.30
<b>* Fabric Extenders</b>			
N20-I6584	UCS 2104XP Fabric Extender/4 external 10Gb ports	3,749.00	2,624.30
<b>* Power Supply</b>			
N20-PAC5-2500W	2500W AC power supply unit for UCS 5108	936.00	655.20
<b>* Spare Power Cable Option</b>			
CAB-AC-C6K-TWLK=	Power Cord, 250Vac 16A, twist lock NEMA L6-20 plug, US	45.00	31.50
CAB-AC-2500W-US1=	Power Cord, 250Vac 16A, straight blade NEMA 6-20 plug, US	45.00	31.50
CAB-C19-CBN=	Cabinet Jumper Power Cord, 250 VAC 16A, C20-C19 Connectors	45.00	31.50

## Cisco UCS 6100 Series Fabric Interconnect

The Cisco® UCS 6100 Series Fabric Interconnects are a core part of the Cisco Unified Computing System, providing both network connectivity and management capabilities for the system. The Cisco UCS 6100 Series offers line-rate, low-latency, lossless 10 Gigabit Ethernet and Fibre Channel over Ethernet (FCoE) functions. The Cisco UCS 6100 Series provides the management and communication backbone for the Cisco UCS B-Series Blade Servers and UCS 5100 Series Blade Server Chassis. All chassis, and therefore all blades, attached to the Cisco UCS 6100 Series Fabric Interconnects become part of a single, highly available management domain. In addition, by supporting unified fabric, the Cisco UCS 6100 Series provides both the LAN and SAN connectivity for all blades within its domain. From a networking perspective, the Cisco UCS 6100 Series uses a cut-through architecture, supporting deterministic, low-latency, line-rate 10 Gigabit Ethernet on all ports, independent of packet size and enabled services. The product family supports Cisco low-latency, lossless 10 Gigabit Ethernet1 unified network fabric capabilities, which increase the reliability, efficiency, and scalability of Ethernet networks. The fabric interconnect supports multiple traffic classes over a lossless Ethernet fabric from the blade through the interconnect. Significant TCO savings come from an FCoE-optimized server design in which network interface cards (NICs), host bus adapters (HBAs), cables, and switches can be consolidated.

You can learn more about the Cisco UCS 6100 Series Fabric Interconnect on Cisco's website at the following URL:  
<http://tinyurl.com/cisco-UCS-6100>

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 Allan Davis aldavis@cisco.com 408-894-7290

<u>Cisco Product SKU</u>	<u>Description</u>	<u>USD List Price</u>	<u>EPL Price</u>
<b>UCS 6100 Series Fabric Interconnect (* Select Options)</b>			
N10-S6100	UCS 6120XP 20-port Fabric Interconnect/0 PSU/2 fans/no SFP+	26,249.00	18,374.30
N10-S6200	UCS 6140XP 40-port Fabric Interconnect/0 PSU/5 fans/no SFP+	49,686.00	34,780.20
<b>UCS 6100 Series Fabric Interconnect - Spare (* Select Options)</b>			
N10-S6100-UPG	UCS 6120XP 20-port Fabric Interconnect/0 PSU/2 fans/no SFP+	26,249.00	18,374.30
N10-S6200-UPG	UCS 6140XP 40-port Fabric Interconnect/0 PSU/5 fans/no SFP+	49,686.00	34,780.20
<b>* Slot Options</b>			
N10-E0060	6-port 8Gb FC/Expansion module/UCS 6100 Series	3,600.00	2,520.00
N10-E0080	8-port 4Gb FC/Expansion module/UCS 6100 Series	3,186.00	2,230.20
N10-E0440	4-port 10GE/4-port 4Gb FC/Expansion module/UCS 6100 Series	5,249.00	3,674.30
N10-E0600	6-port 10GE/Expansion module/UCS 6100 Series	5,436.00	3,805.20
<b>* Software License Options</b>			
N10-L001	UCS 6100 Series Fabric Interconnect 1 10GE port license	2,774.00	1,941.80
<b>* Transceiver and Cable Options</b>			
DS-SFP-FC4G-LW	4 Gbps Fibre Channel-LW SFP, LC, (10km Reach)	1,500.00	1,050.00
DS-SFP-FC4G-SW	4 Gbps Fibre Channel-SW SFP, LC	130.00	91.00
DS-SFP-FC4G-LW	8 Gbps Fibre Channel LW SFP+, LC	2,170.00	1,519.00
DS-SFP-FC4G-SW	8 Gbps Fibre Channel SW SFP+, LC	260.00	182.00
GLC-LH-SM	GE SFP, LC connector LX/LH transceiver	995.00	696.50
GLC-SX-MM	GE SFP, LC connector SX transceiver	500.00	350.00
GLC-T	1000BASE-T SFP	395.00	276.50
SFP-10G-LR	10GBASE-LR SFP Module	3,995.00	2,796.50
SFP-10G-LR	10GBASE-SR SFP Module	1,495.00	1,046.50
SFP-GE-S	1000BASE-SX SFP (DOM)	550.00	385.00
SFP-GE-T	1000BASE-T SFP (NEBS 3 ESD)	440.00	308.00

SFP-H10GB-ACU10M	Active Twinax cable assembly, 10m	410.00	287.00
SFP-H10GB-ACU7M	Active Twinax cable assembly, 7m	360.00	252.00
SFP-H10GB-CU1M	10GBASE-CU SFP+ Cable 1 Meter	150.00	105.00
SFP-H10GB-CU3M	10GBASE-CU SFP+ Cable 3 Meter	210.00	147.00
SFP-H10GB-CU5M	10GBASE-CU SFP+ Cable 5 Meter	260.00	182.00

#### \* Power Supply Options

N10-PAC1-550W	550W power supply unit for UCS 6120XP/100-240VAC	1,405.00	983.50
N10-PAC2-750W	750W power supply unit for UCS 6140XP/100-240VAC	1,405.00	983.50

#### \* Accessory Kit Options

N10-SACCA	Accessory kit for UCS 6120XP Fabric Interconnect	280.00	196.00
N10-SACCB	Accessory kit for UCS 6140XP Fabric Interconnect	280.00	196.00

#### \* Spare Power Cable Option

CAB-AC-250V/13A=	North America, NEMA L6-20 250V/20A plug-IEC320/C13 receptacle	80.00	56.00
CAB-C13-C14-JMPR=	Recessed receptical AC Power cord 27	50.00	35.00
CAB-C13-C14-2M=	Power Cord Jumper, C13-C14, 2 Meter Length	50.00	35.00
CAB-N5K6A-NA=	Power Cord, 200/240V 6A North America	50.00	35.00