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At the heart of storage

*Areca Technology Corporation*

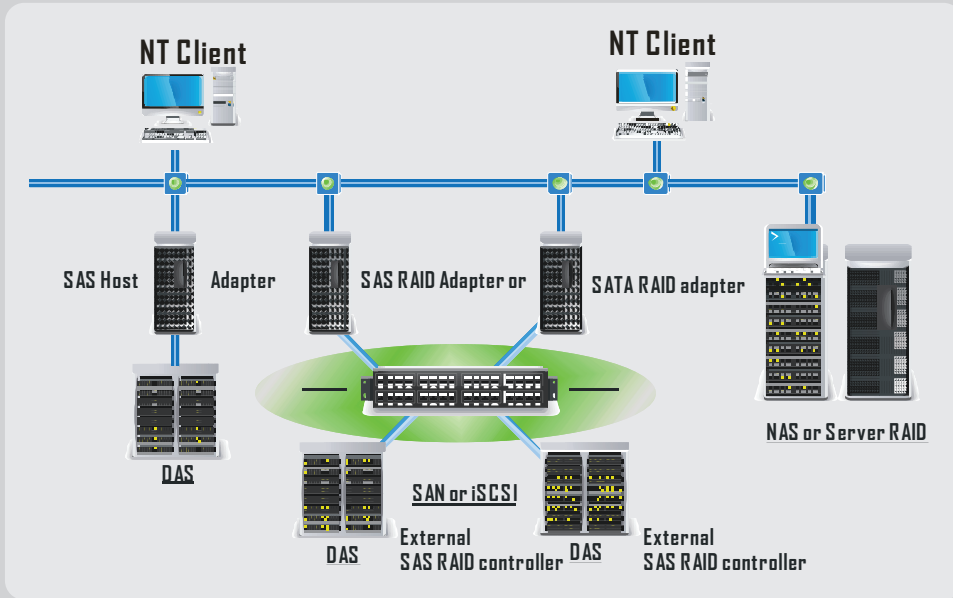
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*Product Catalogue*  
**2017**

**areca**

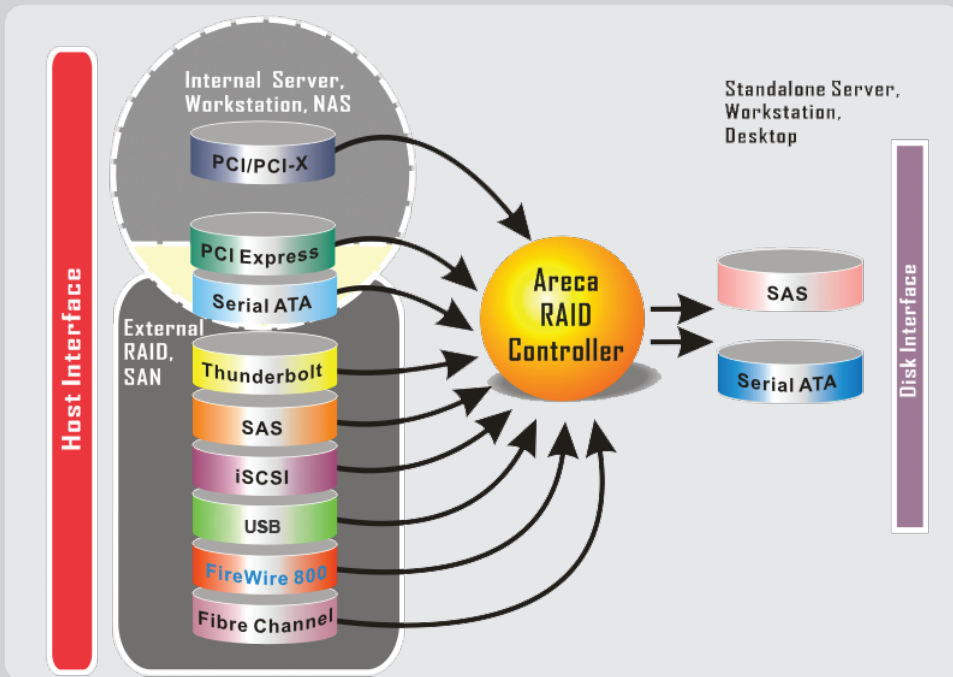
## Areca Target Storage Application



## Controller Advantages

- \* RAID Level: 0, 1, 10( 1E), 3, 5, 6, 30, 50, 60, Single Disk and JBOD
- \* Multiple RAID 0 and RAID 10(1E) support (RAID 00 and RAID100)
- \* Multiple RAID selection
- \* Online array roaming
- \* Offline RAID set
- \* Online capacity expansion and RAID level migration simultaneously
- \* Online RAID level/stripe size migration
- \* Online volume set growth
- \* Instant availability and background initialization
- \* Support global and dedicated hot spare
- \* Automatic drive insertion/removal detection and rebuilding
- \* Multiple pairs SSD/HDD disk clone function
- \* SSD automatic monitor clone (AMC) support
- \* SED (Self-encrypting drives) function support
- \* Support HDD firmware update
- \* Support for native 4K and 512 byte sector SAS and SATA devices
- \* Support intelligent power management to save energy and extend service life
- \* Support NTP protocol synchronize RAID controller clock over the on

## Areca RAID Controllers Provide I/O Interface Flexibility



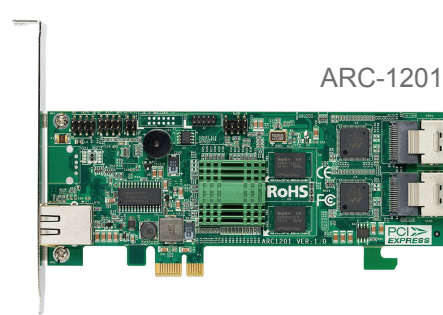
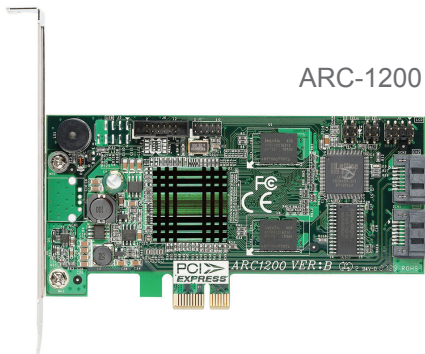
## Driver Support

- \* Mac OS X 10.4.x/macOS 10.12 or higher
- \* Windows 10/8/Server 2012/7/2008/Vista/2003/2000/XP: SCSI Port/Stor Port
- \* Linux: Debian/Gentoo/Ubuntu/CentOS
- \* Linux/Redhat: Fedora Core/RHEL/OpenSUSE/Suse-SLES
- \* NAS: FreeNAS/OpenFiler/Open-e-NAS
- \* Unix/Solaris 10 & 11
- \* BSD: FreeBSD/OpenBSD/NetBSD
- \* Wasabi Systems Storage Builder: IP-SAN 3.0(NetBSD Kernel)
- \* unRAID
- \* xenServer
- \* VMware
- \* illumos

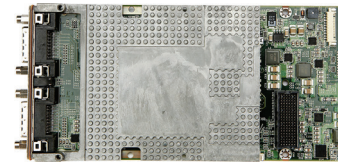
## ARC-1110/1120 4/8 ports PCI-X to 3Gb/s SATA RAID Controllers - Low Profile



## ARC-1200/1201 PCIe x 1 to SATA RAID Controllers



## ARC-1882P XMC to 6Gb/s SAS/SATA RAID Controllers - Mezzanine Board



ARC-1882P

SFF-8470

6Gb/s SAS/SATA

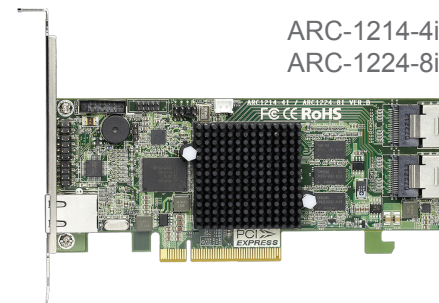
x2

up to 256

### Specifications

- . **I/O Processor:** Dual Core RAID-on-Chip 800MHz
- . **Form Factor:** Ruggedized XMC Module
- . **Host Bus Type:** PCIe 3.0 x 8 lanes
- . **On-Board Cache:** DDR3-1333 1GB
- . **Management Port:** In-Band: XMC
- . **Enclosure Ready:** Individual Fault Header and SES-2
- . **RAID Level:** 0,1,1E,3,5,6,10,30,50,60,Single Disk,JBOD
- . **BBM Support:** Yes (ARC-6120BAT121)

## ARC-12x4 series 4/8 ports PCIe 2.0 6Gb/s SAS/SATA RAID Controllers



ARC-1214-4i  
ARC-1224-8i

SFF-8087

6Gb/s SAS/SATA

x1  
x2

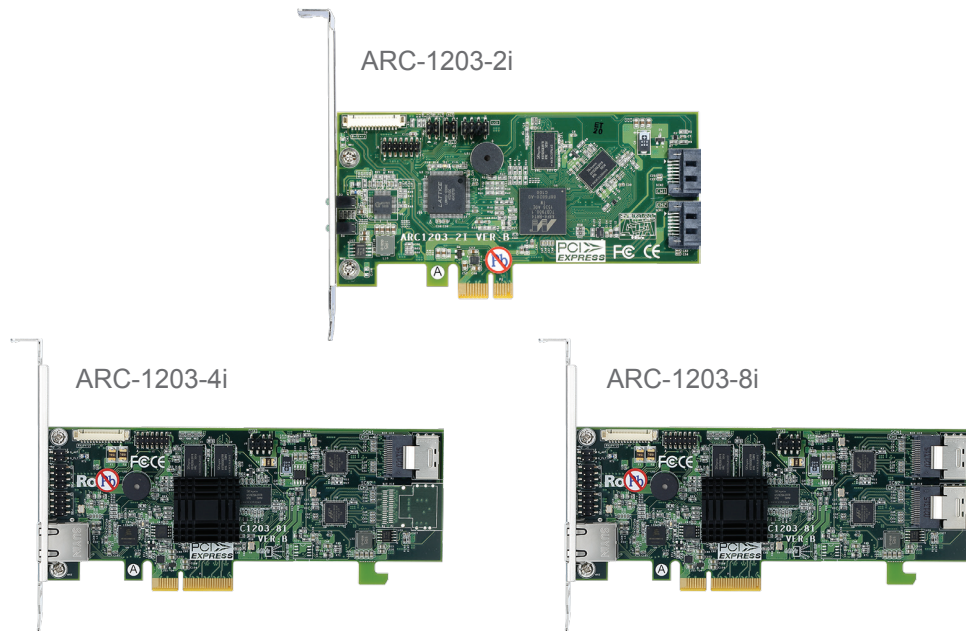
x4  
x8

### Specifications

- . **I/O Processor:** RAID-on-Chip 800MHz
- . **On-Board Cache:** 1GB on-board DDR3-800 SDRAM
- . **Management Port:** In-Band: PCIe / Out-of-Band: LCD and LAN Port
- . **Enclosure Ready:** Individual Faulty Header, Serial Bus and SGPIO
- . **RAID Level:** 0, 1, 1E, 3, 5, 6, 10, 30, 50, 60, Single Disk, and JBOD
- . **BBM Support:** ARC-6120BAT121

	ARC-1110	ARC-1120	ARC-1200	ARC-1201
I/O Processor	Intel IOP331		ARM 400Mhz	
Host Bus Type	PCI-X 64Bit 133MHz		PCIe x1 lane	
On-Board Cache	DDR333 256MB		DDR2-400 128MB	
In-Band	PCI-X		PCIe	
Out-of-Band	BIOS, LCD		BIOS, LCD & LAN port	
BBM Support	ARC-6120BAT113		N/A	
Internal Channel Counts	4 bays	8 bays	2 bays	8 bays

**ARC-1203 series** 2/4/8/12/16 ports PCIe 2.0 6Gb/s SATA RAID Controllers

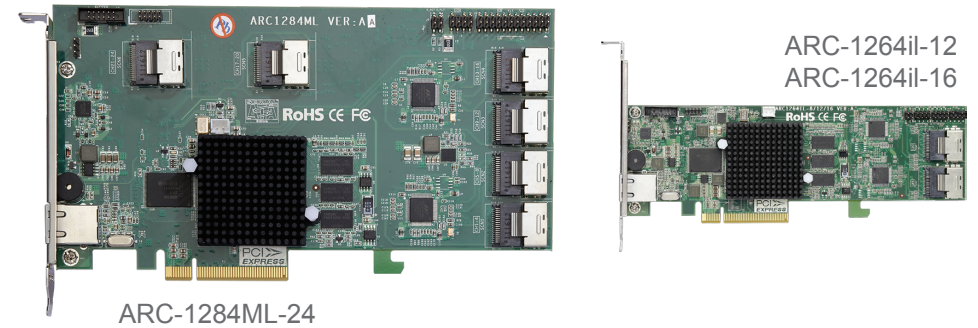


	SFF-8087	SATA III	6Gb/s SATA
ARC-1203-2i	--	x2	x2
ARC-1203-4i	x1	--	x4
ARC-1203-8i	x2	--	x8

**Specifications**

- . **I/O Processor:** ARM\_based 1066MHz storage I/O processor
- . **Host Bus Type:**
  - 1203-2i: PCIe 2.0 x 1 Lane
  - 1203-4i/8i: PCIe 2.0 x 4 Lanes
- . **On-Board Cache:** 512MB on-board DDR3-1066 SDRAM
- . **Management Port:**
  - In-Band: PCIe
  - Out-of-Band:
    - \* 1203-2i: push button and LCD (optional)
    - \* 1203-4i/8i: LAN port and LCD (optional)
- . **Enclosure Ready:** (not for 1203-2i) Individual Faulty Header, SGPIO, and Serial bus
- . **RAID Level:**
  - 1203-2i: 0, 1, Single Disk, and JBOD
  - 1203-4i: 0, 1, 1E, 3, 5, 6, Single Disk, and JBOD
  - 1203-8i: 0, 1, 1E, 3, 5, 6, 10, 30, 50, 60, Single Disk, and JBOD
- . **BBM Support:** Yes (ARC-6120BAT121-12G)

**ARC-12x4 series** 12/16/24 ports PCIe 2.0 6Gb/s SATA RAID Controllers



	SFF-8087	6Gb/s SATA HDD
ARC-1264il-12	x3	x12
ARC-1264il-16	x4	x16
ARC-1284MI-24	x6	x24

**Key Features**

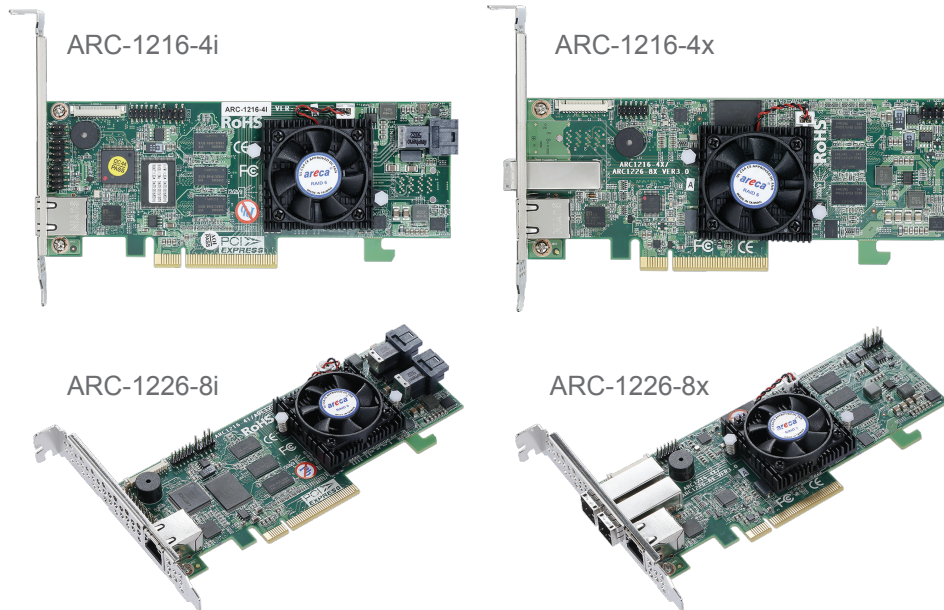
- . PCIe 2.0 x 8 lane host interface
- . Greater than 2TB capacity per disk drive support
- . Support greater than 2TB per volume set and battery backup module (BBM)
- . Enclosure management (Serial bus and SGPIO) ready
- . Support intelligent power management to save energy and extend service life
- . Support NTP protocol synchronize RAID controller clock over the on board Ethernet port
- . Broad operating support including Windows, Linux, FreeBSD, Soaris, Mac and VMware

**Specifications**

- . **I/O Processor:** RAID-on-Chip 800Mhz
- . **Host Bus Type:** PCIe 2.0 x 8 lanes
- . **On-Board Cache:** 1GB on-board DDR3-800 SDRAM
- . **Management Port:** In-Band: PCIe / Out-of-Band: LCD and LAN Port
- . **Enclosure Ready:** Individual Faulty Header, Serial Bus and SGPIO
- . **RAID Level:** 0, 1, 1E, 3, 5, 6, 10, 30, 50, 60, Single Disk, and JBOD
- . **BBM Support:** Yes (ARC-6120BAT121)



## ARC-12x6 series 4/8 ports PCIe 3.0 12Gb/s SAS RAID Controllers

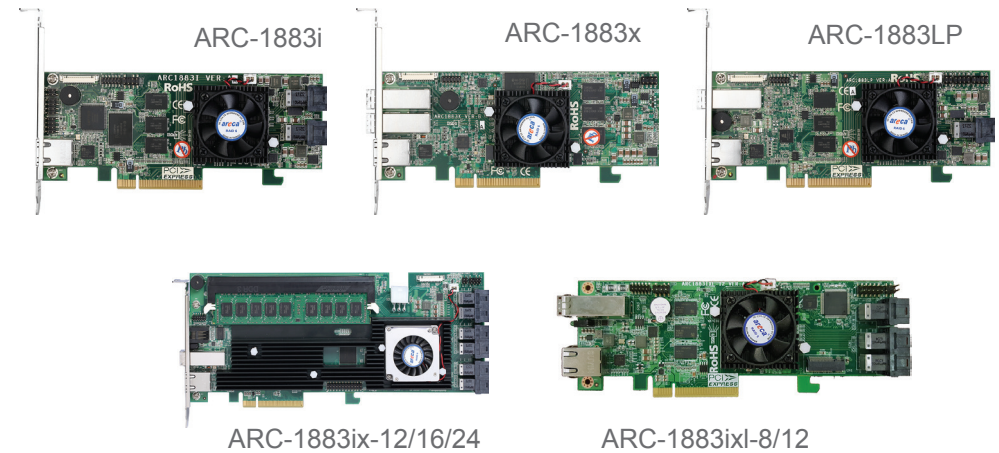


	SFF-8643	SFF-8644	12Gb/s SAS/SATA
ARC-1216-4i	x1		x4
ARC-1226-8i	x2		x8
ARC-1216-4x		x1	x4
ARC-1226-8x		x2	x8

### Specifications

- I/O Processor:** Dual Core RAID-on-Chip (ROC) 1.2 GHz Processor
- Host Bus Type:** PCIe 3.0 x 8 Lanes
- On-Board Cache:** 1GB on-board DDR3-1600 SDRAM
- Management Port:**
  - In-Band: PCIe
  - Out-of-Band: BIOS, LCD (Optional) and LAN Port
- Enclosure Ready:**
  - 12x6-4i/8i: Individual Activity/Faulty Header, Serial Bus and SGPIO
  - 12x6-4x/8x: External Serial Bus
- RAID Level:**
  - 1216-4i/4x: 0, 1, 1E, 3, 5, 6, Single Disk, and JBOD
  - 1226-8i/8x: 0, 1, 1E, 3, 5, 6, 10, 30, 50, 60, Single Disk, and JBOD
- BBM/FBM Support:** Yes (ARC-6120BAT121-12G/ARC-1883CAP)

## ARC-1883 series 8/16/20/28 ports PCIe 3.0 12Gb/s SAS/SATA RAID



### BBM Support

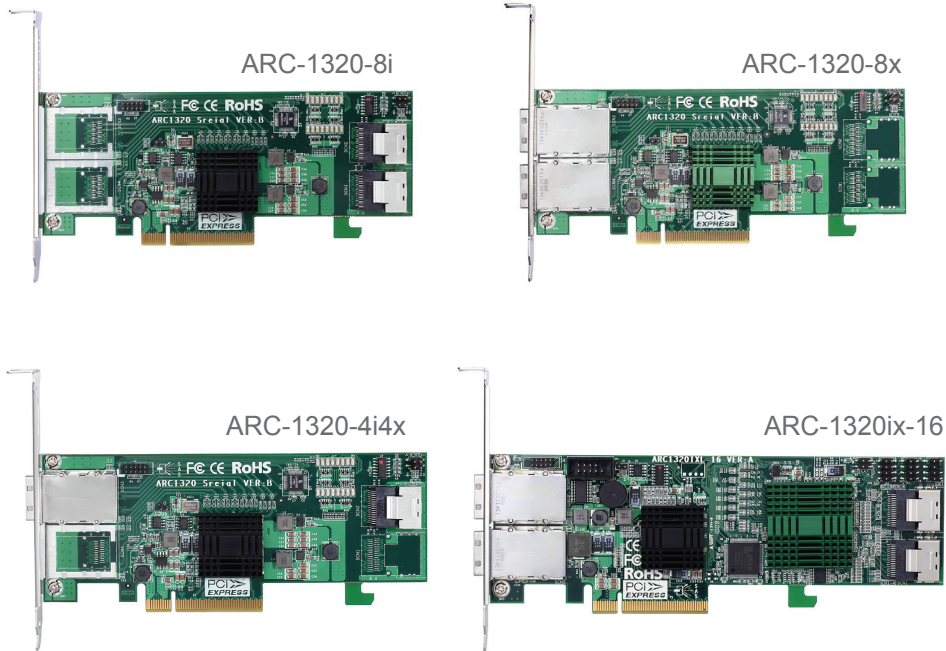
	ARC-6120BAT121-12G	ARC-1883CAP	ARC-1883BAT
ARC-1883i/x/LP	default (2GB)	default (2GB)	N/A
ARC-1883ix-12/16/24	default (2GB)	default (2GB)	up to 4~8GB
ARC-1883ixl-8/12	default (2GB)	N/A	N/A

	SFF-8643	SFF-8644	12Gb/s SAS/SATA
ARC-1883i	x2		
ARC-1883x		x2	
ARC-1883LP	x1	x1	
ARC-1883ix-12	x3	x1	up to 256
ARC-1883ix-16	x4	x1	
ARC-1883ix-24	x6	x1	
ARC-1883ix-8	x2	x1	
ARC-1883ix-12	x3	x1	

### Specifications

- I/O Processor:** Dual Core RAID-on-Chip 1200Mhz
- Host Bus Type:** PCIe 3.0 x 8 lanes
- On-Board Cache:**
  - 1883i/x/LP/ixl: 2GB on-board DDR3-1866 SDRAM
  - 1883ix-12/16/24: One 240-pin DIMM socket for 2GB(default) up to 8GB DDR3-1866, 1Rx8, ECC module or 8GB DDR3-1600, 2Rx8, ECC module
- Management Port:** In-Band: PCIe / Out-of-Band: LCD and LAN Port
- Enclosure Ready:** Individual Activity/Fault Header, SGPIO and SES-2
- RAID Level:** 0, 1, 1E, 3, 5, 6, 10, 30, 50, 60, Single Disk, and JBOD
- BBM/FBM Support:** Yes

## ARC-1320 series 8/24 ports PCIe 2.0 6Gb/s SAS Host Adapters

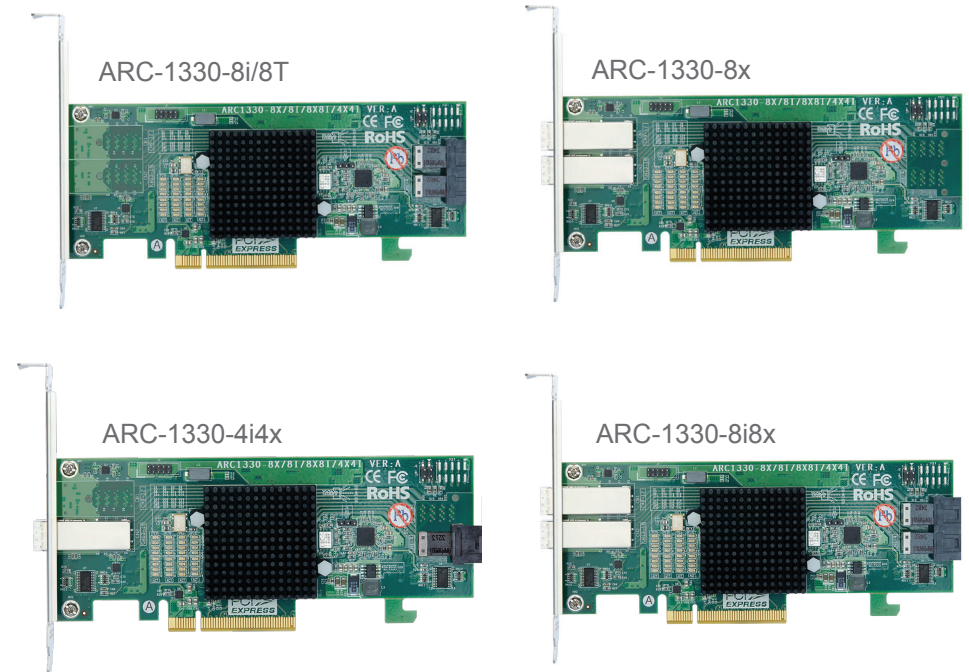


	SFF-8087	SFF-8088	6Gb/s SAS/SATA
ARC-1320-8i	x2		up to 128
ARC-1320-8x		x2	up to 128
ARC-1320ix-16	x4	x2	up to 128
ARC-1320-4i4x	x1	x1	up to 128

### Key Features

- . PCIe 2.0 x8 lanes ( x8, x4, and x1 lane widths)
- . Up to 6Gb/s transfer rates per SAS port
- . Support 1.5, 3.0 and 6 Gb/s SAS and SATA link rates
- . Support SSP, SMP, STP, and SATA protocols
- . Support a maximum 128 SAS/SATA devices using SAS expander
- . BIOS PnP(plug and play) and BBS(BIOS boot specification) support
- . Legacy BIOS and EFI support
- . RoHS compliant
- . Low profile form factor

## ARC-1330 series 8/16 ports PCIe 3.0 12Gb/s SAS Host Adapters



	SFF-8643	SFF-8644	12Gb/s SAS/SATA
ARC-1330-8i/8T	x2		up to 128
ARC-1330-8x		x2	up to 128
ARC-1330-4i4x	x1	x1	up to 128
ARC-1330-8i8x	x2	x2	up to 128

### Key Features

- . PCIe 3.0 x8 lanes ( x8, x4, and x1 lane widths)
- . Up to 12Gb/s transfer rates per SAS port
- . Support 3.0 Gb/s, 6.0 Gb/s and 12 Gb/s SAS and SATA link rates
- . Support SSP, SMP, STP, and SATA protocols
- . Support a maximum 128 SAS/SATA devices using SAS expander
- . Support both Thunderbolt and Transport Layer Retry (only ARC-1330-8T)
- . Legacy BIOS and EFI support (not available for ARC-1330-8T)
- . RoHS compliant
- . Low profile form factor

## ARC-9200 RAID Head series SAS/Fibre/iSCSI to 12Gb/s SAS RAID Head



<b>Form Factor</b>	1U, 19-inch rackmount chassis		
<b>Host Interface</b>	2 x 12Gb/s SAS	2/4 x 16Gb/s Fibre channels	2 x 10Gb/s iSCSI
<b>Expansion Port</b>	Dual downstream SFF-8644 (4 x 12Gb/s) expansion ports per controller		
<b>Max. Drives per RAID Ctrl</b>	Up to 512 12Gb/s SAS or 6Gb/s and 3Gb/s SAS/SATA HDDs/SSD, using 12Gb/s SAS JBOD		
<b>Power Supply / In / Out</b>	<ul style="list-style-type: none"> <li>• Dual 200W hot swap and redundant with PFC, N+1 design</li> <li>• AC voltage: 110V@40A, 230V@80A for input inrush current with PFC (auto-switching)</li> <li>• Supports 90-264 VAC input at 47-63 Hz frequency</li> </ul>		
<b>Single Ctrl Model No.</b>	9200S12S-221	9200F16S-221/9200F16S-421	9200I10S-221
<b>Dual Ctrl Model No.</b>	9200S12R-221	9200F16R-221/9200F16R-421	9200I10R-221

## ARC-92xx series subsystem 12Gb/s SAS-based Storage Subsystem



<b>Form Factor</b>	2U-12 bays	3U-16 bays	2U-24 bays	4U-24 bays
	19-inch rackmount chassis			
<b>Host Interface</b>	• 2 x 12Gb/s SAS ports • 2/4 x 16Gb/s Fibre channels • 2 x 10Gb/s iSCSI			
<b>Disk Interface</b>	Up to 512 12Gb/s SAS/SATA/SSD Devices, Using one SFF-8644 Port			
<b>Power Supply / In / Out</b>	<ul style="list-style-type: none"> <li>• Dual 595W hot swap, N+1 redundant with PFC</li> <li>• Supports 100–240VAC input at 47 and 63Hz frequency</li> </ul>			
<b>Single Ctrl Model No.</b>	9212SS-DR2 / 9212FS-DR2 9212FS-QR2 / 9212IS-DR2	9216SS-DR3 / 9216FS-DR3 9216FS-QR3 / 9216IS-DR3	9224SS-DR2 / 9224FS-DR2 9224FS-QR2 / 9224IS-DR2	9224SS-DR4 / 9224FS-DR4 9224FS-QR4 / 9224IS-DR4
<b>Dual Ctrl Model No.</b>	9212SD-DR2 / 9212FD-DR2 9212FD-QR2 / 9212ID-DR2	9216SD-DR3 / 9216FD-DR3 9216FD-QR3 / 9216ID-DR3	9224SD-DR2 / 9224FD-DR2 9224FD-QR2 / 9224ID-DR2	9224SD-DR4 / 9224FD-DR4 9224FD-QR4 / 9224ID-DR4

### Specifications

- **I/O Processor:** Dual Core RAID-on-Chip (ROC) 1.2 GHz processor
- **On-Board Cache (ARC-9200):** One 204-pin SO-DIMM socket for 2GB (default) DDR3-1600, 1RX8/2RX8, ECC module - up to 4GB or 8GB DDR3-1600, 1RX8/2RX8, Unbuffered/Registered ECC module
- **On-Board Cache (ARC-92xx):** One 240-pin DIMM socket for 2GB (default) up to 8GB DDR3-1866, 1Rx8, ECC module or 8GB DDR3-1600, 2Rx8, ECC module
- **Management Port:** In-Band: SES-3 / Out-of-Band: LCD, RS232, LAN Port
- **RAID Level:** 0, 1, 1E, 3, 5, 6, 10, 00, 100, 30, 50, 60, Single Disk, JBOD
- **FBM/BBM Support:** Yes

## ARC-8018 series 12Gb/s SAS Expander - Backplane Solution



### Specifications

- **I/O Processor:** ARM Cortex-R4
- **Drive Connector:** 3/4 x Z-pack HM-ZD high speed connector
- **External Interface:** 3 x SFF-8644 connectors
- **Monitors Indicators:**
  - LCD Control Panel for setup, alarm mute and configuration
  - System status indication through LCD, LED (link status and activity) and alarm buzzer
  - Enclosure management (protocols SES over SAS ports) ready
- **Management:** In-band: SAS port / Out-of-band: RS232 serial port
  - Command Line Interface
  - Field-upgradeable

## ARC-92xx series JBOD 12Gb/s SAS-based JBOD Storage Enclosures

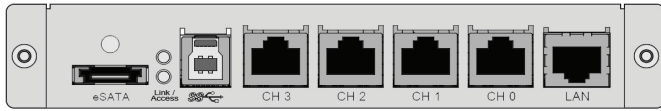


<b>Form Factor</b>	2U-12 bays	3U-16 bays	2U-24 bays	4U-24 bays
	19-inch rackmount chassis			
<b>Host Interface</b>	<ul style="list-style-type: none"> <li>• Host Interface per Expander Module : Two 12Gb/s Min SAS HD 4x wide ports via two SFF-8644 connections</li> <li>• Expansion Interface per Expander Module : One 12Gb/s Min SAS HD 4x wide port via one SFF-8644 connection</li> </ul>			
<b>Disk Interface</b>	<ul style="list-style-type: none"> <li>• 12Gb/s SAS or 6Gb/s and 3Gb/s SAS/SATA HDDs/SSDs</li> <li>• Supports any mix of SATA and SAS HDD or SSDs for greater flexibility</li> </ul>			
<b>Power Supply / In / Out</b>	<ul style="list-style-type: none"> <li>• Dual 595W hot swap, N+1 redundant with PFC</li> <li>• Supports 100–240VAC input at 47 and 63Hz frequency</li> </ul>			
<b>Management Port</b>	CLI through out-of-band RS-232 serial port			
<b>Enclosure Protocol</b>	SES 3.0 via inband SAS SMP protocol			
<b>Single Ctrl Model No.</b>	ARC-9212JS-TR2	ARC-9216JS-TR3	ARC-9224JS-TR2	ARC-9224JS-TR4
<b>Dual Ctrl Model No.</b>	ARC-9212JD-TR2	ARC-9216JD-TR3	ARC-9224JD-TR2	ARC-9224JD-TR4



## ARC-5066-BL

eSATA/USB3.0/iSCSI to 6Gb/s SATA RAID - Backplane Solution



### Specifications

- . **I/O Processor:** Quad Core ARM V7 1.2GHz
- . **Host Bus Type:** 1 x 6Gb/s eSATA + 1 x USB 3.0 + 4 x 1Gbps iSCSI
- . **Drive Connector:** Directly into the backplane slots
- . **On-Board Cache:** 2GB DDR3-1200 SDRAM
- . **Management Port:** In-Band: SES-3 / Out-of-Band: LCD and LAN Port
- . **Enclosure Ready:** Serial Bus Interface
- . **RAID Level:** 0, 1, 1E, 3, 5, 6, 10, 00, 100, 30, 50, 60, Single Disk, JBOD
- . **BBM Support:** Yes

## ARC-71xx series

GbE(x4)/6Gbps eSATA/USB 3.0 to SATA RAID Storage Subsystem

ARC-7108-eUi

ARC-7112-eUi

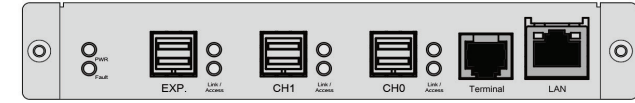
ARC-7116-eUi

ARC-7124-eUi



<b>Form Factor</b>	2U-8 bays	2U-12 bays	3U-16 bays	4U-24 bays
	19-inch rackmount chassis			
<b>Cooling Fan</b>	Dual cooling fans		Quad cooling fans	
<b>Disk Interface</b>	6Gb/s and 3Gb/s SATA HDDs/SSDs			
<b>Power Supply / In / Out</b>	Dual 400W		Triple 400W	
	<ul style="list-style-type: none"> <li>• Hot swap, N+1 redundant with PFC</li> <li>• Supports 100–240VAC input at 47 and 63Hz frequency</li> </ul>			

## ARC-5088-BL 12Gb/s SAS to SAS RAID - Backplane Solution



### Specifications

- . **I/O Processor:** Dual Core PPC476 1.2 GHz processor
- . **Host Bus Type:** 12Gb/s SAS
- . 2 x 12Gb/s SAS ports (4-lanes per port)
- . **Drive Connector:** Directly into the backplane slots
- . **Drive Support:** Up to 256 Devices (Using 1 x SFF-8644)
- . **On-Board Cache:** 2Gb DDR3-1866 SDRAM with ECC Protection
- . **Management Port:** In-Band: SES-3 / Out-of-Band: LCD, RS232, LAN Port
- . **Enclosure Ready:** SES-3
- . **RAID Level:** 0, 1, 1E, 3, 5, 6, 10, 00, 100, 30, 50, 60, Single Disk, JBOD
- . **BBM/FBM Support:** Yes (ARC-6120BAT121-7/ARC-1883CAP-7)

## ARC-72xx series 12Gb/s SAS to SAS RAID Storage Subsystem

ARC-7208

ARC-7212

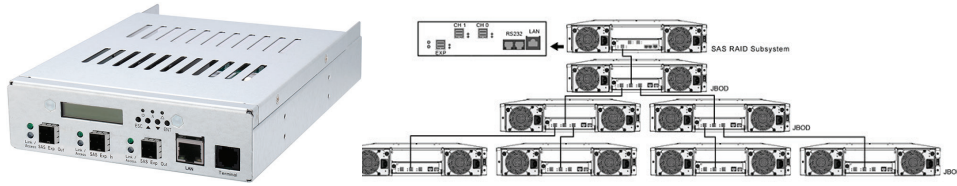
ARC-7216



<b>Form Factor</b>	2U-8 bays	2U-12 bays	3U-16 bays
	19-inch rackmount chassis		
<b>Cooling Fan</b>	Dual cooling fans		
<b>Disk Interface</b>	12Gb/s SAS or 6Gb/s and 3Gb/s SAS/SATA HDDs/SSDs		
<b>Power Supply / In / Out</b>	Dual 400W		
	<ul style="list-style-type: none"> <li>• Hot swap, N+1 redundant with PFC</li> <li>• Supports 100–240VAC input at 47 and 63Hz frequency</li> </ul>		



## ARC-8028 series 12Gb/s SAS Expander - Cable Solution



### Specifications

- . **Dimension:** 145(W) x 41(H) x 200(L)mm
- . **Drive Connector:** 6 x SFF-8643 connectors
- . **External Interface:** 3/4 SFF-8644 Min SAS HD connectors
- . **Drive Interface:** Up to 12/16/24/32 12Gb/s SAS or 6Gb/s SATA Drives per expander
- . **Monitors Indicators:**
  - LCD Control Panel for setup, alarm mute and configuration
  - System status indication through LCD, LED (link status and activity) and alarm buzzer
  - Enclosure management (protocols SES over SAS ports) ready
- . **Management:** In-band: SAS port / Out-of-band: RS232 serial port
  - Command Line Interface
  - Field-upgradeable
- . **Dimension:** 140(W)\*20(H)\*290(D)mm

## ARC-8088 series SAS/Fibre/iSCSI to 12Gb/s SAS RAID - Cable Solution



### Specifications

- . **I/O Processor:** Dual Core ROC 1200Mhz
- . **Dimension:** 146(W) x 43(H) x 250(L)mm
- . **Drive Connector:** 6 x SFF-8643 connector
- . **Drive Support:** 256 x Devices (Using 1 x SFF-8644)
- . **On-Board Cache:** 2GB on-board DDR3-1866 SDRAM
- . **Management Port:**
  - In-Band: SES-3 / Out-of-Band: LCD, RS232, LAN Port
- . **Enclosure Ready:** SES-3
- . **RAID Level:** 0,1,10,1E,3,5,6,30,50,60,Single Disk,JBOD
- . **BBM Support:** Yes

	ARC-8088-2S	ARC-8088-2F	ARC-8088-4F	ARC-8088-2I
Host Bus	12Gbps SAS x 4 lanes x 2	16Gbps Fibre x 2	16Gbps Fibre x 4	10Gbps iSCSI x 2
Host Connector	SFF-8644 x 2	SFP x 2	SFP x 4	SFP+ x 2
Drive Interface	up to 24 x 12Gb/s SAS ports			
Redundant	Yes			

## ARC-5066-CL series

eSATA/USB3.0/iSCSI to 6Gb/s SATA RAID - Cable Solution



	SFF-8087	6Gb/s SATA HDD
ARC-5066-CL-12	x3	x12
ARC-5066-CL-16	x4	x16
ARC-5066-CL-24	x6	x24

### Specifications

- . **I/O Processor:** Quad Core ARM V7 1.2GHz
- . **Form Factor:** One 5.25" Half-height Drive Bay [146(W) x 43(H) x 200(L)mm]
- . **Host Bus Type:** 1 x 6Gb/s eSATA + 1 x USB 3.0 + 4 x 1Gbps iSCSI
- . **Drive Connector:** 6 x SFF-8087 Connectors
- . **On-Board Cache:** 2GB DDR3-1200 SDRAM
- . **Management Port:**
  - In-Band: SES-3 / Out-of-Band: LCD and LAN Port
- . **Enclosure Ready:**
  - Individual Activity/Fault LED Header, Serial Bus Interface
- . **RAID Level:** 0, 1, 1E, 3, 5, 6, 10, 00, 100, 30, 50, 60, Single Disk, JBOD
- . **BBM Support:** Yes

## ARC-8068-SAS SAS to 6Gb/s SAS RAID - Cable Solution



### Specifications

- . **I/O Processor:** ROC 800Mhz
- . **Form Factor:** One 5.25" Half-height Drive Bay  
146(W) x 43(H) x 200(L)mm
- . **Host Bus Type:** 6Gb/s SAS
- . **Drive Connector:** 6 x SFF-8087 Connectors
- . **On-Board Cache:** Default DDR2-800 2GB
- . **Management Port:**
  - In-Band: SES-3 / Out-of-Band: LCD, RS232, LAN Port
- . **Enclosure Ready:**
  - Individual Activity/Fault LED Header, Serial Bus Interface
- . **RAID Level:** 0,1,10,1E,3,5,6,Single Disk,JBOD
- . **BBM Support:** Yes

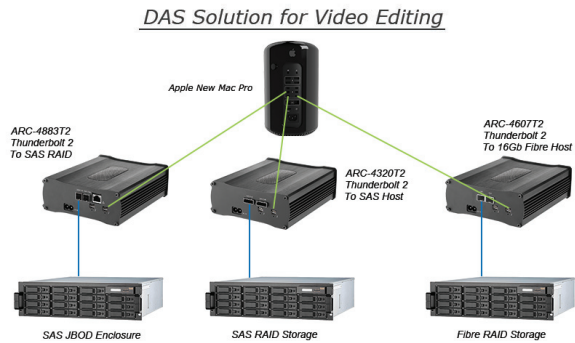
	SFF-8087	SFF-8088	6Gb/s SAS/SATA
ARC-8068-12	x3	x1	x12
ARC-8068-16	x4	x1	x16
ARC-8068-24	x6	x1	x24

## ARC-4607T2/ARC-4320T2/ARC-4883T2 Thunderbolt™ 2 Adapter

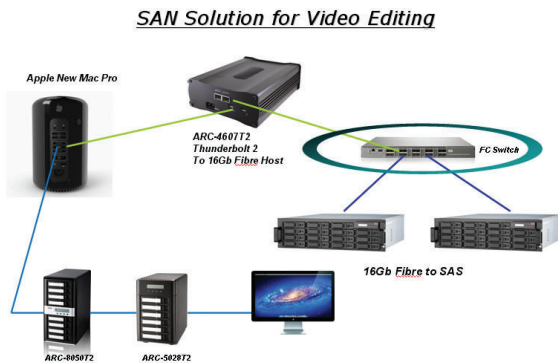


	ARC-4607T2	ARC-4320T2	ARC-4883T2
Device Channel	2 x 16Gb/s Fibre	8 x 6Gb/s SAS	8 x 12Gb/s SAS
Device Connector	2 x SFP	2 x SFF-8088	2 x SFF-8644
Form Factor	External Desktop		
Host Bus	Thunderbolt2 x 2		
Controller Inside	ARC-8607	ARC-1320	ARC-1883x

## DAS Solution for Video Editing



## SAN Solution for Video Editing



## ARC-5026

## ARC-5028T2

## ARC-8050T2



	ARC-5026	ARC-5028T2	ARC-8050T2
RAID Inside	Yes		
Form Factor	External 4 bays	External 6 bays	External 8 bays
Disk Interface	4 x 6Gb/s SAS/SATA	6 x 6Gb/s SAS/SATA	8 x 6Gb/s SAS/SATA
Host Bus	Thunderbolt x 2/ USB 3.0 x 1	Thunderbolt2 x 2/ USB 3.0 x 1	Thunderbolt2 x 2
I/O Processor	ARM 800MHz I/O Processor		Dual Core PPC440 800MHz
RAID Level	0, 1, 1E, 3, 5, 6, 10, Single Disk, JBOD	0, 1, 1E, 3, 5, 6, 10, 30, 50, 60, Single Disk, JBOD	
On Board Cache	1 GB		
Management Port	LCD / Thunderbolt / LAN		
BBM	No	Yes	



ARC-8050T3-6M ARC-8050T3-6 ARC-8050T3-8 ARC-8050T3-12



ARC-8050T3-6M ARC-8050T3-6 ARC-8050T3-8 ARC-8050T3-12

<b>RAID Inside</b>	Yes		
<b>Form Factor</b>	Desktop 6 bays	Desktop 8 bays	Desktop 12 bays
<b>I/O Processor</b>	Dual Core 1.2GHz SAS ROC		
<b>On Board Cache</b>	2GB DDR3-1866		
<b>Host Bus</b>	Thunderbolt 3 x 2 / Display Port		
<b>Disk Interface</b>	6 x 12Gb/s 2.5" SAS/SATA	x6 12Gb/s 2.5"/3.5" SAS/SATA	x8 x12
<b>Expansion Support</b>	SFF-8644(2-lanes)	N/A	SFF-8644(4-lanes)
<b>RAID Level</b>	0, 1, 1E, 3, 5, 6, 10, 30, 50, 60, Single Disk, JBOD		
<b>BBM</b>	N/A	Yes	
<b>DC_IN</b>	4-pin XLR	N/A	
<b>Management Port</b>	LCD / Thunderbolt / LAN		

ARC-8050T3-4

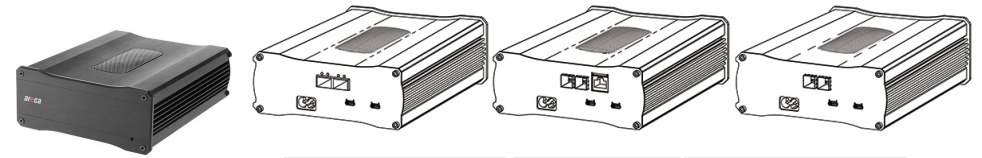


ARC-8050T3-24



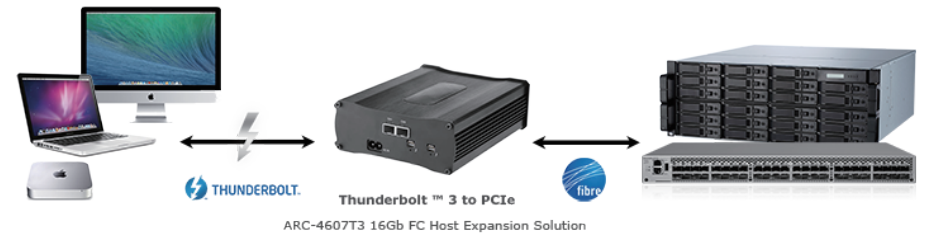
<b>RAID Inside</b>	Yes	
<b>Form Factor</b>	Desktop 4 bays	4U-24 bays 19-inch
<b>I/O Processor</b>	6G SAS 800MHz One-Core ROC	Dual Core 1.2GHz SAS ROC
<b>On Board Cache</b>	1GB DDR3-800	2GB DDR3-1866
<b>Expansion Support</b>	N/A	One SFF-8644 expansion up to 512 HDDs
<b>Host Bus</b>	Thunderbolt 3 x 2 / Display Port	
<b>Disk Interface</b>	4 x 6Gb/s 3.5"/2.5" SAS/SATA	24 x 12Gb/s SAS/SATA 3.5"/2.5" HDDs/SSDs
<b>RAID Level</b>	0, 1, 1E, 3, 5, 6, 10, Single Disk, JBOD	0, 1, 1E, 3, 5, 6, 10, 30, 50, 60, Single Disk, JBOD
<b>BBM</b>	N/A	Yes
<b>Management Port</b>	LCD / Thunderbolt / LAN	

ARC-4607T3/ARC-4883T3/ARC-4108T3 Thunderbolt 3 Adpter



ARC-4607T3 ARC-4883T3 ARC-4108T3

<b>Device Channel</b>	2 x 16Gb/s Fibre	8 x 12Gb/s SAS
<b>Device Connector</b>	2 x SFP	2 x SFF-8644
<b>Form Factor</b>	External Desktop	
<b>Host Bus</b>	Thunderbolt3 x 2	
<b>Controller Inside</b>	ARC-8607	ARC-1883x ARC-8108



ARC-8050T3 series

(4/6/8/12/24-bays Thunderbolt 3 RAID Storage)



Thunderbolt 3 Technology







### JBOD BOX

Host Interface	2 x SFF-8644	2 x SFF-8644 + SFF-8088
Drive Interface	8 x 12Gb/s/SAS/SATA	
Expansion	N/A	2 x SFF-8644
Form Factor	Compact - 8 * Disk Tower	
Power Supply/In/Out	270W	
Cooling Fan	2 * 2700rpm/0.4A	
Dimension(WxHxD)	5.7 x 11.8 x 11.4 in (146 x 302 x 290 mm)	
Weight	14.9 lbs / 6.8Kg	



### ARC-4038ML



### ARC-4038-8



### ARC-4038-12



### ARC-8042

RAID Inside	N/A	Yes (similar as ARC-5088)
Host Interface	2 x SFF-8644	2 x SFF-8644
Drive Interface	12 x 12Gb/s/SAS/SATA	
Expansion	2 x SFF-8644	1 x SFF-8644
Form Factor	Compact - 12 * Disk Tower	
Power Supply/In/Out	400W	
Cooling Fan	2 * 2700rpm/0.4A	
Dimension(WxHxD)	8.1 x 12.2 x 11.4 in (206 x 310 x 290 mm)	
Weight	20.8 lbs / 9.5Kg	

## Batteries

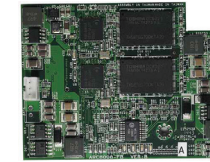
**ARC-8008-BAT** Areca Order No.: 40B1-800800-0300



**External SAS RAID Controller Battery Pack**  
for ARC-8008/8088 series

**ARC-8006-2**

**ARC-8008-FB**



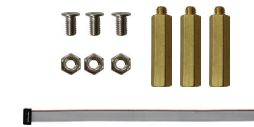
**ARC-8008-BAT** for ARC-8006 series  
**ARC-8008-BAT** for ARC-8007/8008 series  
**ARC-8006-2** Areca Order No.: 91-800602-0300  
**ARC-8008-BAT** for ARC-8008 series  
**ARC-8008-FB** Areca Order No.: 91-8008BA-T00A

**ARC-6120BAT113** Areca Order No.: 91-6120BA-T112-1880



**SATA/SAS RAID Controller Card**  
for ARC-11xx (ML), ARC-12xx (ML)  
ARC-12xx (4i\4x\8i\8x), and  
ARC-1680/1880 (IX\LP\IX-xx)  
Cable: 2600-1C1212-II00

**ARC-6120BAT021** Areca Order No.: 91-6120BA-T021



**SATA/SAS RAID Storage**  
for ARC-8040 and ARC-8050T2  
Cable: 2600-1C1212-II00

**ARC-6120BAT121** Areca Order No.: 91-6120BA-T121



**SAS RAID Controller Card**  
for ARC-1882 (IX\LP\IX-xx), and  
ARC-12x4 (4i\8i\i1-12\i1-16\ML-24)  
Cable: 2600-1C1212-II00

**ARC-6120BAT121-12G** Areca Order No.: 91-6120BA-T121-12G



**SAS RAID Controller Card**  
for ARC-1203 and  
ARC-1883 (IX\LP\IX)  
Cable: 2600-1C1412-II00



### ARC-6120BAT121-7

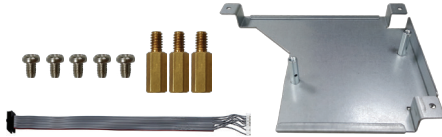
Areca Order No.: 91-6120BA-T121-7



**RAID Subsystem**  
for ARC-5066/8/12/16 & ARC-5088  
Cable: 2600-1C1412-HI00

### ARC-6120BAT121-724

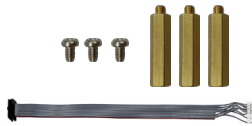
Areca Order No.: 91-6120BA-T121-724



**RAID Subsystem**  
for ARC-5066-24  
Cable: 2600-1C1412-HI00

### ARC-6120BAT121-8

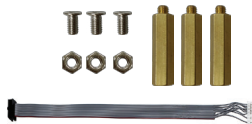
Areca Order No.: 91-6120BA-T121-8



**SAS RAID - Cable Solution**  
for ARC-8088 series  
Cable: 2600-1C1412-HI00

### ARC-6120BAT121-T3

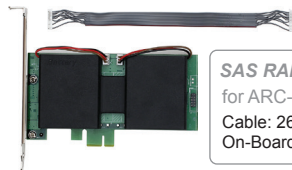
Areca Order No.: 91-6120BA-T121-T3



**Thunderbolt 3 Products**  
for Thunderbolt 3 products  
Cable: 2600-1C1412-HI00

### ARC-1883-BAT

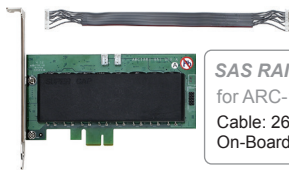
Areca Order No.: 91-1883BA-T00A



**SAS RAID Controller Card**  
for ARC-1883ix-12/16/24 &  
Cable: 2600-1C1414-HH00  
On-Board Cache: up to 4-8GB

### ARC-1883-CAP

Areca Order No.: 91-1883CA-P00A



**SAS RAID Controller Card**  
for ARC-1883 series  
Cable: 2600-1C1414-HH00  
On-Board Cache: default (2GB)

### ARC-1883-BAT-8

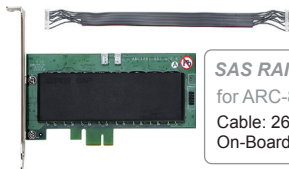
Areca Order No.: 91-1883BA-T00A-8



**SAS RAID - Cable Solution**  
for ARC-8088 series  
Cable: 2600-1C1414-HH00  
On-Board Cache: default (2GB)

### ARC-1883-CAP-8

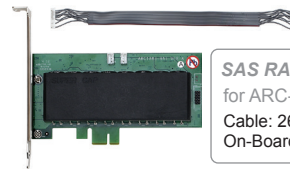
Areca Order No.: 91-1883CA-P00A-8



**SAS RAID - Cable Solution**  
for ARC-8088 series  
Cable: 2600-1C1414-HH00  
On-Board Cache: default (2GB)

### ARC-1883-CAP-7

Areca Order No.: 91-1883CA-P00A-7



**SAS RAID - Cable Solution**  
for ARC-5088 series  
Cable: 2600-1C1414-HH00  
On-Board Cache: default (2GB)

### LCD

#### ARC-1009

Areca Order No.: 91-1019CB-B10A



**5.25" LCD**  
for ARC-11xx(ML), ARC-12xx(4i\4x\8i\8x),  
ARC-1680IX-xx, ARC-12x4(i\i-12\i-16\ML-24),  
and ARC-188x(i\X\LP\IX-xx)

#### ARC-1035

Areca Order No.: 91-103500-000B



**3.5" LCD**  
for ARC-11xx(ML), ARC-12xx(4i\4x\8i\8x),  
ARC-1680IX-xx, ARC-12x4(i\i-12\i-16\ML-24),  
and ARC-188x(i\X\LP\IX-xx)

### Tray

#### Tray-5020

Areca Order No.: 3300-1C4020-0001



**Tray (white)**  
for ARC-4036ML / 4038 / 4038ML / 5020 /  
ARC-5026 / 5040 / 8040 / 8050 / 8050E

#### Tray-5033

Areca Order No.: 3300-1C6020-A200



**Tray (black)**  
for ARC-5033

#### Tray-8050T2

Areca Order No.: 3300-1C4020-0001



**Tray (black)**  
for ARC-5028T2 / 8050T2

### Others

eSATA Re-Driver Board

#### ARC-5020-3

Areca Order No.: 91-502003-0010



## Cables & Connectors

### Mini SAS HD controller to SAS HD/SAS/SATA backplane and SATA disk drives



**SFF-8643 to SFF-8643**  
internal SAS HD x4 (SFF-8643) to SAS HD x4 (SFF-8643) internal controller-based fan-out cable

Areca Order No.: 26II-1C4343-0175



**SFF-8643 to SFF-8087**  
internal SAS HD x4 (SFF-8643) to SAS x4 (SFF-8087) internal controller-based fan-out cable

Areca Order No.: 26II-1C4336-0175



**SFF-8643 to SATA(4)**  
internal SAS HD x4 (SFF-8643) to SATA (4) x 1 internal controller-based fan-out cable

Areca Order No.: 26II-1C4307-0175

### eSATA controller to eSATA external enclosure



**eSATA to eSATA**  
external eSATA x 1 to eSATA x 1 external cable

Areca Order No.: 26ES-1C0707-1000

### Mini SAS HD controller to SAS HD external enclosure



**SFF-8644 to SFF-8644**  
external Mini SAS HD x4 (SFF-8644) to SAS HD x4 (SFF-8644) external cable

Areca Order No.: 26EE-1C4444-0100



**SFF-8644 to SFF-8088**  
external Mini SAS HD x4 (SFF-8644) to SAS x4 (SFF-8088) external cable

Areca Order No.: 26EE-1C4426-0100

### USB 3.0 controller to USB 3.0 external enclosure



**USB 3.0 Micro-B to Standard-A**  
external USB 3.0 Micro-B to external USB 3.0 Standard-A cable

Areca Order No.: 26UB-1CA3M3-1500

### Mini SAS controller to SAS/SATA backplane and SATA disk drives



**SFF-8087 to SFF-8087**  
internal SAS x4 (SFF-8087) to SAS x4 (SFF-8087) controller-based fan-out cable

Areca Order No.: 26II-1C3636-6175



**SFF-8087 to SATA(4)**  
internal SAS x4 (SFF-8087) to SATA (4) x 1 internal controller-based fan-out cable

Areca Order No.: 26II-1C3607-6175



**SFF-8087 to SFF-8482**  
internal SAS x4 (SFF-8087) to SAS (4) x 1 (SFF-8482) internal controller-based fan-out cable

Areca Order No.: 26IS-1C3629-7500

### Thunderbolt controller to Thunderbolt external enclosure



**Thunderbolt 2**  
external Thunderbolt 2 x 1 to Thunderbolt 2 x 1 external cable (1 meter long)

Areca Order No.: 26TB-1C1010-1M00



**Thunderbolt 3**  
external Thunderbolt 3 x 1 to Thunderbolt 3 x 1 external cable (0.5 meter long)

Areca Order No.: 26TC-1C1212-0500

### Mini SAS controller to SAS external enclosure



**SFF-8088 to SFF-8088**  
external Mini SAS x4 (SFF-8088) to SAS x4 (SFF-8088) external cable

Areca Order No.: 26EE-1C2626-0100

### SATA controller to SATA backplane and SATA disk drives



**SATA to SATA**  
internal SATA (4) x 1 to SATA (4) x 1 internal cable (1 set \*4)

Areca Order No.: 2600-101007-0200



**SATA to SATA**  
internal SATA (4) x 1 to SATA (4) x 1 internal right-angle cable (1 set \*4)

Areca Order No.: 2600-101007-0401

Internal



ARC-1110/1120		✓			
ARC-1200	✓	✓			
ARC-1201			✓	✓	
ARC-1203 series			✓	✓	
ARC-1214-4I/1224-8I			✓	✓	
ARC-1216-4I/1226-8I					✓
ARC-1320-4i4x/8i			✓	✓	
ARC-1330 Series					✓
ARC-1880ixl-8/12			✓	✓	
ARC-1883i/LP					✓
ARC-1883ix-12/16/24					✓
ARC-5060-8/12/16			✓		
ARC-5066-12/16/24			✓	✓	
ARC-8028-12/16/24/32					✓
ARC-8068-12/16/24			✓		
ARC-8088-12/16/24					✓

External



ARC-1216-4x/1226-8x					
ARC-1320-4i4x/8x			✓		
ARC-1330 series					✓
ARC-1880ixl-8/12			✓		
ARC-1882ix-12/16/24			✓		
ARC-1883x/LP					✓
ARC-1883ix-12/16					✓
ARC-1883ix-24					✓
ARC-4038			✓		✓
ARC-4038ML					✓
ARC-5020	✓				
ARC-5026		✓			✓
ARC-5028T2		✓			✓
ARC-5026T3/5028T3				✓	
ARC-5060-8/12/16	✓	✓			
ARC-5066-12/16/24	✓	✓			
ARC-8008-12/16/24					✓
ARC-8028-12/16/24/32					✓
ARC-8040			✓		
ARC-8050T2				✓	
ARC-8050T3/8052T3				✓	
ARC-8068-12/16/24			✓		
ARC-8088-12/16/24					✓

Model	Host Bus	Drive Int. Connector	Drive Ext. Connector	Drive Support	Default Cache	BBM Support
ARC-1200	PCI-e X1 Lanes	SATA (1*1)	2	2(SATAII)	On Board DDRII 128MB	N/A
ARC-1201		SFF-8087 (1*4)		8(SATAII)		
ARC-1203-2i	PCI-e 2.0 X 1 Lanes	SATA III	2	2(6Gb/s SATA)	512MB on-board DDR3-1066 SDRAM	ARC-6120BAT121-12G
ARC-1203-4i	PCI-e 2.0 X 4 Lanes	SFF-8087 (1*4)	N/A	4(6Gb/s SATA)		
ARC-1203-8i				8(6Gb/s SATA)		
ARC-1214-4i	PCI-e 2.0 X 8 Lanes	SFF-8087 (1*4)	N/A	4(6Gb/s SAS/SATA)	On Board DDR3-800 1GB	ARC-6120BAT121
ARC-1224-8i				8(6Gb/s SAS/SATA)		
ARC-1214-4x	PCI-e 2.0 X 8 Lanes	N/A	SFF-8088(1*4)	1 4(6Gb/s SAS/SATA)	On Board DDR3-800 1GB	ARC-6120BAT121
ARC-1224-8x				2 8(6Gb/s SAS/SATA)		
ARC-1264IL-12	PCI-e 2.0 X 8 Lanes	SFF-8087 (1*4)	N/A	12(6Gb/s SATA)	On Board DDR3-1600 1GB	ARC-6120BAT121
ARC-1264IL-16				16(6Gb/s SATA)		
ARC-1284ML-24	PCI-e 2.0 X 8 Lanes	SFF-8087 (1*4)	N/A	24(6Gb/s SATA)	On Board DDR3-1600 1GB	ARC-6120BAT121
ARC-1216-4i				1 4(12Gb/s SAS/SATA)		
ARC-1226-8i	PCI-e 3.0 X 8 Lanes	SFF-8643 (1*4)	N/A	2 8(12Gb/s SAS/SATA)	On Board DDR3-1600 1GB	ARC-6120BAT121
ARC-1216-4x				1 4(12Gb/s SAS/SATA)		
ARC-1226-8x	PCI-e 3.0 X 8 Lanes	N/A	SFF-8644 (1*4)	2 8(12Gb/s SAS/SATA)	On Board DDR3-1600 1GB	ARC-6120BAT121
ARC-1320-4i4x				1 up to 128 (6Gb/s SAS/SATA)		
ARC-1320-8i	PCI-e 2.0 X 8 Lanes	SFF-8087 (1*4)	N/A	2 up to 128 (6Gb/s SAS/SATA)	N/A	N/A
ARC-1320-8x				N/A		
ARC-1320ix-16	PCI-e 2.0 X 8 Lanes	SFF-8087 (1*4)	N/A	4 up to 128 (6Gb/s SAS/SATA)	N/A	N/A
ARC-1330-8i				2		
ARC-1330-8x	PCI-e 3.0 X 8 Lanes	SFF-8643 (1*4)	N/A	2	On Board DDR3-1866 2GB	ARC-6120BAT121-12G or ARC-1883CAP (default 2GB)
ARC-1330-8x8i				2		
ARC-1330-16i	PCI-e 3.0 X 8 Lanes	SFF-8643 (1*4)	N/A	4 up to 128 (12Gb/s SAS/SATA)	On Board DDR3-1866 2GB~8GB	ARC-1883BAT (4~8GB)
ARC-1330-16x				N/A		
ARC-1883i	PCI-e 3.0 X 8 Lanes	SFF-8643 (1*4)	N/A	2	On Board DDR3-1866 2GB	ARC-6120BAT121-12G
ARC-1883x				N/A		
ARC-1883LP	PCI-e 3.0 X 8 Lanes	SFF-8643 (1*4)	SFF-8644(1*4)	1	One 240 DDR3-1866 2GB~8GB	ARC-1883BAT (4~8GB)
ARC-1883ix-12				3		
ARC-1883ix-16	PCI-e 3.0 X 8 Lanes	SFF-8643 (1*4)	SFF-8644(1*4)	4	On Board DDR3-1866 2GB	ARC-6120BAT121-12G
ARC-1883ix-24				6		
ARC-1883ixl-8	PCI-e 3.0 X 8 Lanes	SFF-8643 (1*4)	SFF-8644(1*4)	2	On Board DDR3-1866 2GB	ARC-6120BAT121-12G
ARC-1883ixl-12				3		
ARC-4320T2	Thunderbolt 2	N/A	SFF-8088(1*4)	same as ARC-1320-8x	N/A	N/A
ARC-4607T2			SFP	N/A		
ARC-4883T2	Thunderbolt 3	N/A	SFF-8644(1*4)	2	same as ARC-1883x	On Board DDR3-1866 2GB
ARC-4108T3				same as ARC-8108		
ARC-4607T3	Thunderbolt 3	N/A	SFF-8644(1*4)	SFP	N/A	On Board DDR3-1866 2GB
ARC-4883T3				same as ARC-1883x		

Model	Host Bus	Drive Int. Connector	Drive Ext. Connector	Drive Support	Default Cache	BBM Support	
ARC-4038ML	2 * SFF-8644	SFF-8644(1*4)	2	N/A	N/A	N/A	
ARC-4038-8			2	SFF-8644(1*4)   2			8(12Gb/s SAS/SATA)
ARC-4038-12			2	SFF-8088(1*4)   1			12(12Gb/s SAS/SATA)
ARC-5020	1 * USB 2.0/ eSATA/iSCSI/AoE	SATA (1*1)	4	eSATA (1*1)   1	4(SATAII)	On Board DDRII 128MB	N/A
ARC-5033	1 * SATA		5		5(SATAII)		
ARC-5060-8	3Gb eSATA/AoE/ USB 3.0/iSCSI/	SFF-8087 (1*4)	2	N/A	6Gb/s SATA	On Board DDRII-400 256MB	N/A
ARC-5060-12			3				
ARC-5060-16			4				
ARC-5066CL-12	6Gb eSATA/ USB 3.0/ 4 * 1GB iSCSI	SFF-8087 (1*4)	3	N/A	6Gb/s SATA	On Board DDRIII-1200 2GB	ARC-6120BAT121
ARC-5066CL-16			4				
ARC-5066CL-24			6				
ARC-8040			2 *6Gb/s SAS				
ARC-5026	1 * USB 3.0 2 * Thunderbolt	6Gb/s SAS/SATA	4	USB 3.0 Thunderbolt   1 2	4(6Gb/s SATA)	On Board DDRIII-800 1GB	N/A
ARC-5028T2	1 * USB 3.0		6	USB 3.0   1	6(6Gb/s SAS/SATA)	On Board DDRIII-800 1GB	ARC-6120BAT021
ARC-8050T2	2 * Thunderbolt 2		8	Thunderbolt 2   2	8(6Gb/s SAS/SATA)	On Board DDRIII-1333 1GB	
ARC-8050T3-4	2 * Thunderbolt 3	12Gb/s SAS/SATA	4	Thunderbolt 3   2	4(12Gb/s SAS/SATA)	On Board DDRIII-800 1GB	N/A
ARC-8050T3-6			6		6(12Gb/s SAS/SATA)		
ARC-8050T3-6M			6		6(12Gb/s SAS/SATA)		
ARC-8050T3-8			8		8(12Gb/s SAS/SATA)	On Board DDRIII-1866 2GB	
ARC-8050T3-12			12		12 (12Gb/s SAS/SATA)		
ARC-8050T3-24			24		24 (12Gb/s SAS/SATA)		
ARC-8028-12	12Gb/s JBOD SAS	SFF-8643 (1*4)	3	SFF-8644(1*4)   3	12Gb/s SAS/SATA	N/A	N/A
ARC-8028-16			4				
ARC-8028-24			6				
ARC-8028-32			8				
ARC-8068-12	2 * 6Gb/s SAS	SFF-8087 (1*4)	3	SFF-8088(1*4)   2	up to 256 6Gb/s SAS/SATA (Using SAS JBOD)	On Board DDRII-800 2GB	ARC-6120BAT121
ARC-8068-16			4				
ARC-8068-24			6				
ARC-8008-2S	2 * 12Gb/s SAS	Z-pack HM-ZD	4	SFF-8644(1*4)   1	up to 256 12Gb/s SAS/SATA (Using SAS JBOD)	One 240 DDRIII-1866 2GB~8GB	ARC-8008-BAT + ARC-8006-2 or ARC-8008-FB
ARC-8008-2I	2 * 10Gb/s iSCSI						
ARC-8008-2F	2 * 16Gb/s Fibre						
ARC-8008-4F	4 * 16Gb/s Fibre						
ARC-8088-2S	2 * 12Gb/s SAS	SFF-8643 (1*4)	3 / 4 / 6	SFF-8644(1*4)   1	up to 256 12Gb/s SAS/SATA (Using SAS JBOD)	On Board DDRIII-1866 2GB	ARC-6120BAT 121-8 or ARC-1883-BAT-8 or ARC-1883-CAP-8
ARC-8088-2I	2 * 10Gb/s iSCSI						
ARC-8088-2F	2 * 16Gb/s Fibre						
ARC-8088-4F	4 * 16Gb/s Fibre						

## Engineer Team

## Experience

All engineers have above twenty years experience in storage products. Successfully created the DC-390 Series SCSI controller & become the best reputation SCSI controller in the World PCI IDE Controllers for National Semiconductor, IDE Disk Cache Controllers for Buslogic, SCSI Disk Cache Controllers, SCSI Controllers, PCI Main board, EISA Main board and Local bus Main Board Capability Writing its own firmware, BIOS, software application, and device drives Designing IDE controller and Disk Cache Controllers Our RAID controller has been approved and used in Sony and Gateway NAS system

## Technology

64-bit/66MHz 8 channels IDE controller, extreme performance RAID 6 controller and modular RAID firmware on the RAID controllers to achieve high data throughput and availability

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