



ARC-4050 series

Thunderbolt 2 to PCIe Expansion Solution

Overview

The ARC-4050T2 is a Thunderbolt™2 expansion chassis with one PCIe 2.0 slot to fit a low profile adapter for high-performance 4K video editing and networking. By supporting Thunderbolt-compatible low profile PCIe adapters, the ARC-4050T2 expansion enables professionals to use high-performance PCIe adapters or RAID adapters on the lacking PCIe expansion new Mac Pro. Supported adapters include Areca 10G Ethernet, 16Gbps Fibre Channel, 6Gb/s SAS Host as well as 12Gb/s SAS RAID controllers. Designed and leveraged with Areca's existing high performance internal PCIe adapters, Areca's family of Thunderbolt 2 products provide a perfect outside-the-box solution for your 4K deployments.

Unleash Your Creativity Faster Than Ever

Thunderbolt 2 helps the media and entertainment industry meet the massive data demands of fully digital workflows. It pushes speed to 20Gb/s and enables 4K video file transfer and display simultaneously. ARC-4050T2 series products are equipped with dual Thunderbolt 2 ports for connecting to any Thunderbolt 2-enabled host such as the new Mac Pro, and offers an additional Thunderbolt 2 port for daisy-chaining other peripherals. The Thunderbolt daisy-chaining allows connection of up to six devices, so customers can connect ARC-4050T2 for massive amounts of video storage with a single Thunderbolt connection to their host computer. ARC-4050T2 series can meet the demand of users when working with rich, ultra- high resolution media through Thunderbolt 2 interface.

Unparalleled Performance for 4K Workflow

ARC-4050T2 series products connect with high performance RAID solution to deliver true hardware RAID for the video editor working with real time multi-stream HD and 4K workflows. It runs efficiently without disruption or major drops in performance to meet the requirements of 4K data workflow. It is so quick it allows for 4K displays at the same time as daisy chaining ARC-4050T2 and doing a simultaneous 4K output and file transfers while maintaining maximum throughput.

With dual 12Gb/s SAS ports and dual 20Gbps Thunderbolt 2 ports configurations, the ARC-4883T2 is an ideal solution to connect a high- performance RAID controller with JBOD enclosure for users looking to achieve the highest I/O and data throughput for 4K workflows.

With dual 6Gb/s SAS ports and dual 20Gbps Thunderbolt 2 ports configurations, the ARC-4320T2 is an ideal solution to connect a high-speed SAS RAID subsystem for users looking to achieve the highest I/O and data throughput for 4K workflows.

With dual 16Gbps Fibre Channel ports and dual 20Gbps Thunderbolt 2 ports configurations, the ARC-4607T2 is an ideal solution to connect a high-speed Fibre Channel SAN for users looking to achieve the highest I/O and data throughput for 4K workflows.

With dual 10Gbps Ethernet ports and dual 20Gbps Thunderbolt 2 ports configurations, the ARC-4307T2 is an ideal solution to connect a high-speed iSCSI RAID solution for users looking to achieve the highest I/O and data throughput for 4K workflows.

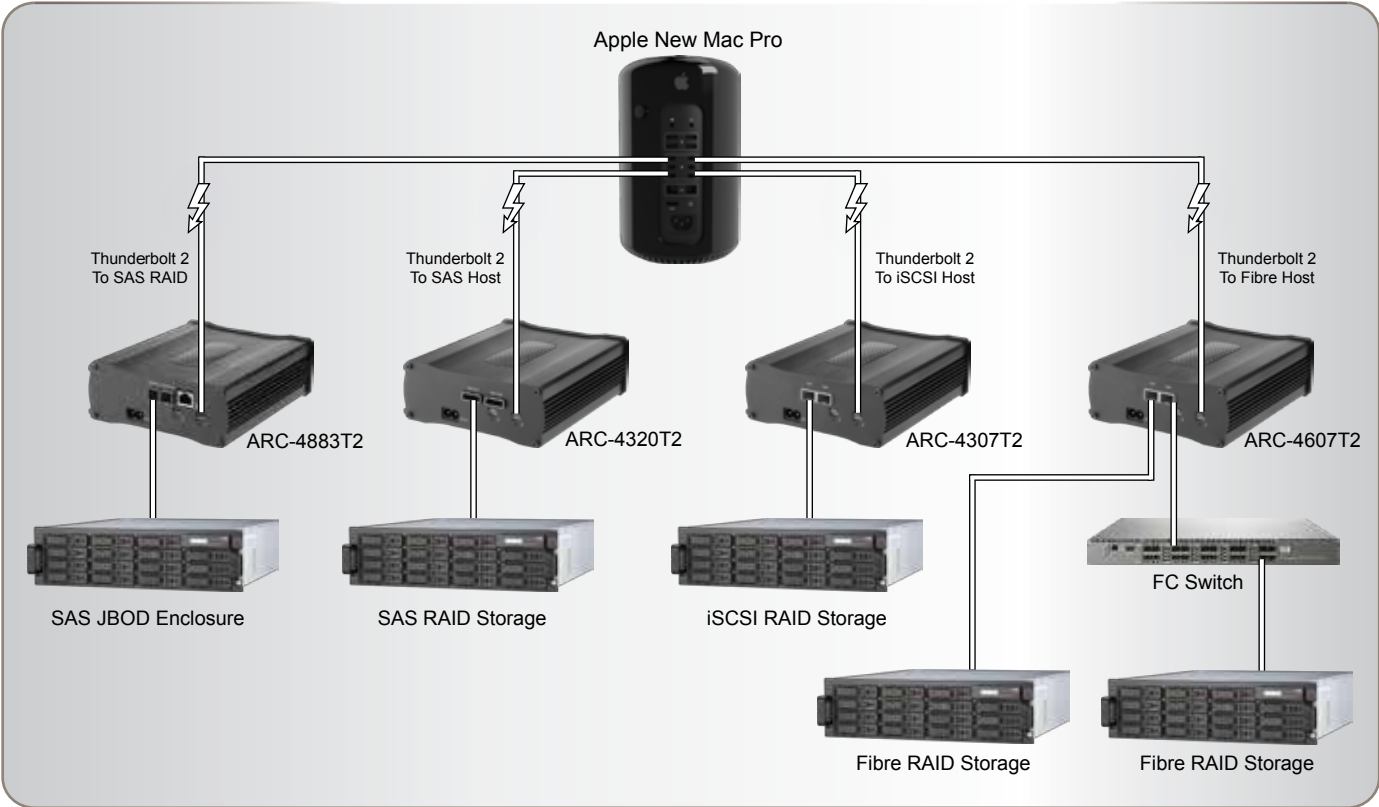
Product Features

Product



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|------------------------------|---|---------------------------------|---|--------------------------------|
| Controller Inside | ARC-1883x Host | ARC-1320-8x Host | ARC-8607 Host | ARC-8307 Host |
| Device Ports | 2 x 12Gb/s SAS SFF-8644 ports | 2 x 6Gb/s SAS SFF-8088 ports | 2 x 16 Gbps Fibre Channel SFP ports | 2 x 10G Ethernet SFP+ ports |
| OS Support | OS X 10.8.5, 10.9 (Mavericks) or later, Windows 7/8 | | | |
| Host Ports | Dual 20Gbps Thunderbolt ports | | - Dual-Protocol (PCIe and DisplayPort) - Daisy chaining device support | |
| Cooling | One noiseless cooling fan | | | |
| Operating Temperature | 0° to 35°C (32° to 95°F) | | | |
| Power Supply/ In/out | 100-240V AC/65W | | | |
| Dimension (W x H x D) | 4.97 x 2.13 x 6.35 in (150 x 64.4 x 191.7 mm) | | | |
| Weight (W/O Drives) | 2.64 lbs / 1.2Kg | | | |

Expansion Solution for Video Editing



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