areca®

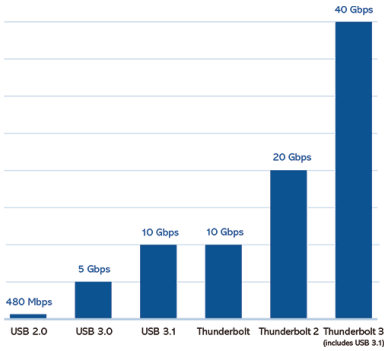
ARC-4108T3

Thunderbolt 3 SAS Host Adapter

Highlights

- High performance 40Gbps Thunderbolt 3 interface
- Eight 12Gb/s SAS Ports
- LSISAS 3008 12Gb/s SAS IOC controller
- Dual Thunderbolt 3 ports for daisy-chaining
- Thunderbolt cable included
- Supports TLR for LTO-7 and LTO-8

Thunderbolt™ 3 Performance



ARC-4108T3 Thunderbolt 3 Adapter

Unleash Your Creativity Faster Than Ever

Thunderbolt™ 3 brings Thunderbolt to USB-C at speeds up to 40 Gbps, creating one compact port that does it all – delivering the fastest, most versatile connection to any dock, display, or data device. It pushes speed to 40Gbps and enables 4K video file transfer and display simultaneously. ARC-4108T3 is equipped with dual Thunderbolt 3 ports for connecting to any Thunderbolt 3-enabled host, and offers an additional Thunderbolt 3 port for daisy-chaining other peripherals. The Thunderbolt daisy-chaining allows connection of up to six devices, so customers can connect ARC-4108T3 for massive amounts of video storage with a single Thunderbolt connection to their host computer. ARC-4108T3 can meet the demand of users when working with rich, ultra-high resolution media through Thunderbolt 3 interface.

Unparalleled Performance for 4K Workflow

ARC-4108T3 connects 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. ARC-4108T3, the 12Gb/s SAS solutions with Thunderbolt 3, specifically is designed for use in Apple MacBook Pro. The Thunderbolt 3 Solution from Areca provides the supreme performance so quick that it allows 4K video at the same time while daisy chaining storages devices and doing a simultaneous 4K in/output file transfers.

Enabling an Easy-to-Manage Storage

The ARC-4108T3 is based on the LSISAS 3008 IO controller that provides applications demanding high levels of storage connectivity and performance. Each Thunderbolt adapter supports 8 SAS ports operating at 12Gb/s data transfer rates, and can provide SAS data transfer rates of 12, 6, and 3 Gb/s per port, and SATA data transfer rates of 6 and 3Gb/s per port. With eight 12Gb/s SAS ports and dual 40 Gbps Thunderbolt 3 ports configurations, the ARC-4108T3 is a best solution for connecting to large scale storage enclosures to achieve high-performance storage solution for 4K video workflows. ARC-4108T3 adapter provides a blazing-fast storage connectivity solution with enhanced reliability and performance to support any application and tiered storage solution. ARC-4108T3 adapter is ideal for large capacity external storage RAID and external tape drives. Areca also releases a line of Thunderbolt 3 shared storage products included desktop RAID storage, FC adapter and RAID subsystem to support 4K workflows.

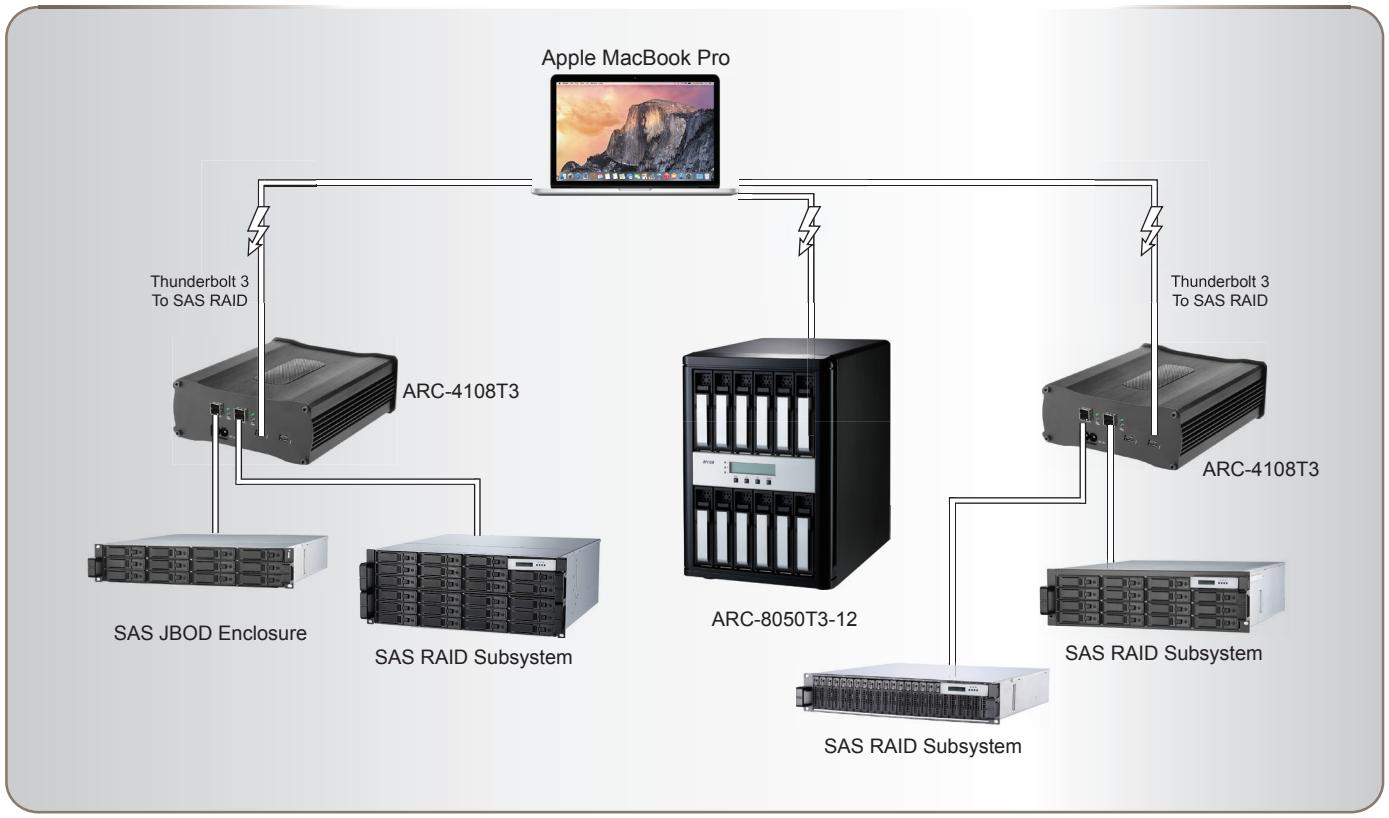
Product Features

Product	 **ARC-4108T3**
Model	ARC-4108T3
Device Ports	2 x Mini SAS HD SFF-8644 connectors
OS Support	macOS 10.12 or later, Windows 8 or later
Host Ports	Dual 40Gbps 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

Technical Specifications

- Enables SAS Port connectivity on systems with a Thunderbolt 3 port
- Eight ports of 12Gb/s SAS/SATA ports
- External SAS cable support: Passive copper and Active Optical
- Dual 40 Gbps Thunderbolt 3 ports with DisplayPort and device daisy-chain support
- Auto negotiation to 12Gb/s, 6Gb/s and 3Gb/s SAS/SATA devices
- External LEDs for link and access status for each channel
- Support for SAS tape devices and transport layer retries (TLR) for error handling
- Thunderbolt cable included
- Thunderbolt 3 certified for Mac and PC

Shared Storage Solution for 4K Video



areca® *At the Heart of Storage*

12Gb/s Serial Attached SCSI

Mac

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