areca®
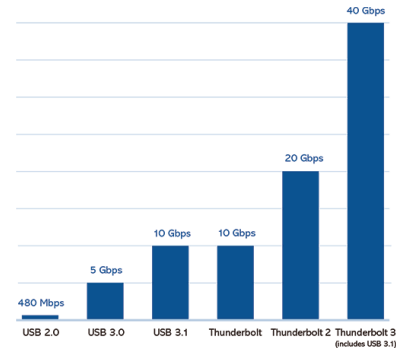
ARC-4607T3
Thunderbolt 3 FC Adapter

Highlights

- High performance 40Gbps Thunderbolt 3 interface
- Dual 16Gbps Fibre Channel Ports
- Seamlessly with 16Gb, 8Gb and 4Gb FC devices
- Dual Thunderbolt 3 ports for daisy-chaining
- Supports Xsan and Quantum StorNext File System
- Thunderbolt cable included

Thunderbolt™ 3 Performance

ARC-4607T3 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-4607T3 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-4607T3 for massive amounts of video storage with a single Thunderbolt connection to their host computer. ARC-4607T3 can meet the demand of users when working with rich, ultra-high resolution media through Thunderbolt 3 interface.

Unparalleled Performance for 4K Workflow

ARC-4607T3 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-4607T3, the 16 Gbps Fibre Channel 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

ARC-4607T3 Thunderbolt 3 adapter offers dual 16 Gbps Fibre Channel ports that will work seamlessly with all 16Gb, 8Gb, and 4Gb FC devices. With dual 16Gbps Fibre Channel ports and dual 40 Gbps Thunderbolt 3 ports configurations, the ARC-4607T3 is a best solution for hooking up to a high-speed Fibre channel SAN network to achieve high-performance storage solution for 4K video workflows. The ARC-4607T3 adapter brings the fastest available connections to Fibre Channel SAN on any computer, and workstation with Thunderbolt 3 interface. ARC-4607T3 adapter provides a blazing-fast storage connectivity solution with enhanced reliability and performance to support any application and tiered storage solution. ARC-4607T3 FC dual channels expansion adapter is ideal for large capacity external storage RAID and FC switch. Areca releases a line of Thunderbolt 3 shared storage products included desktop RAID storage, FC adapter and RAID subsystem to support 4K workflows.
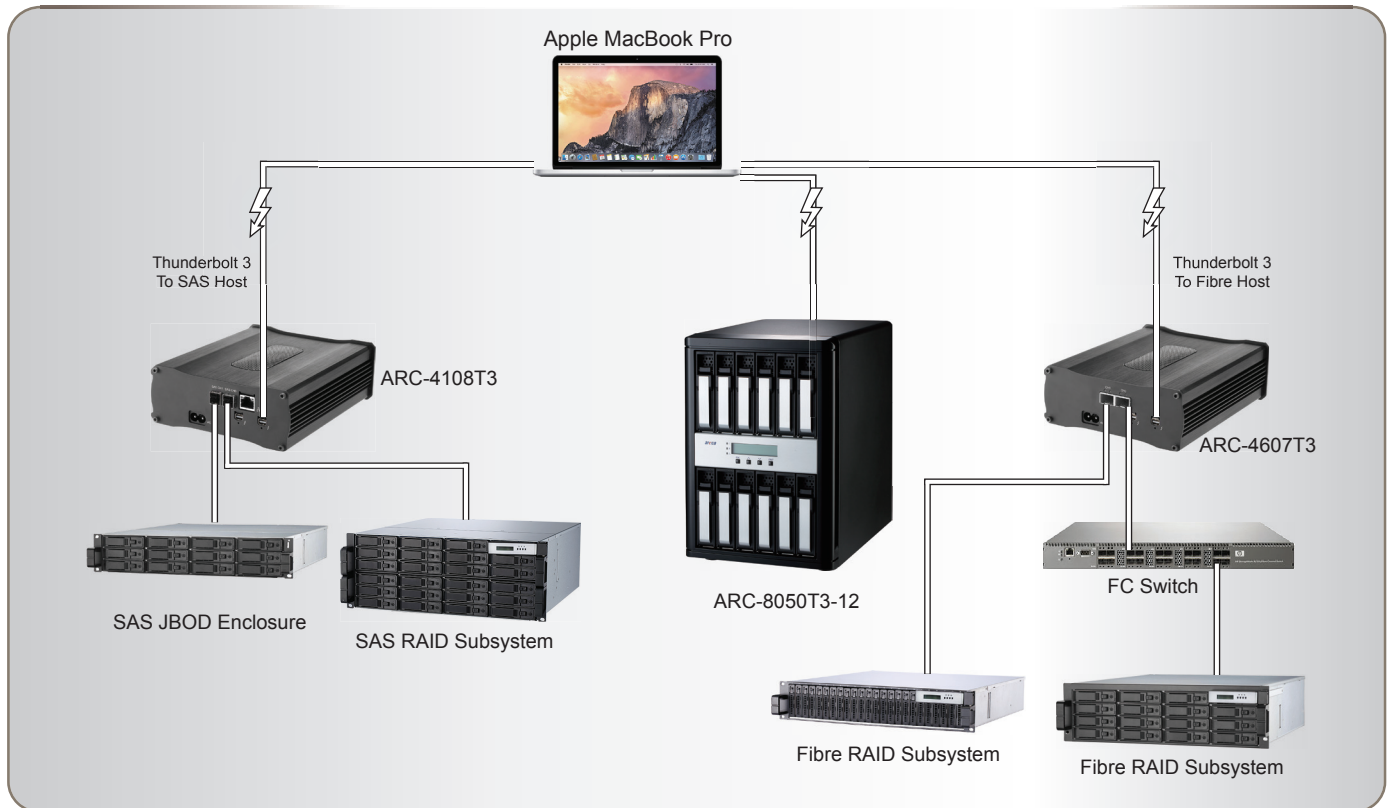
Product Features

Product	**ARC-4607T3**
Model	ARC-4607T3-16
Device Ports	2 x 16 Gbps Fibre Channel SFP ports
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 Fibre Channel connectivity on systems with a Thunderbolt 3 port
- Dual Fibre Channel Ports
- Supports all FC topologies: direct fabric, arbitrated loop and point-to-point
- Dual 40 Gbps Thunderbolt 3 ports with DisplayPort and device daisy-chain support
- Auto negotiation to 16Gb, 8Gb and 4Gb FC devices for ARC-4607T3
- External LEDs for link and access status for each channel
- Supports Xsan and Quantum StorNext File System
- Thunderbolt cable included
- Two pluggable optical LC SFP+ modules (optional)
- Thunderbolt 3 certified for Mac

Shared Storage Solution for 4K Video

Apple MacBook Pro

Thunderbolt 3 To SAS Host — ARC-4108T3

SAS JBOD Enclosure

SAS RAID Subsystem

ARC-8050T3-12

Fibre RAID Subsystem

Thunderbolt 3 To Fibre Host — ARC-4607T3

FC Switch

Fibre RAID Subsystem