



RocketStor 6674T

HighPoint RocketStor 6674T 16-Bay Thunderbolt™ 3 40Gb/s Turbo RAID 3U Rackmount Storage Enclosure



16-Bay Rackmount RAID Storage Solution for Thunderbolt™ 3 host platforms

Transforms your Mac mini into a high-performance Thunderbolt™ 3 Storage Server

HighPoint's class-leading RocketStor 6674T rackmount RAID enclosure is an ideal partner for Apple's new 2018 Mac mini platform. Though the Mac mini's is primarily aimed at those looking for a highly-compact desktop computing solution, the 2018 model delivers the performance to support a broad range of professional storage applications such as media servers, asset libraries and archives, and SMB file servers. Customers can easily integrate their Mac mini directly into the RocketStor 6674T chassis – its rear panel features a removable tray designed specifically for the Mac mini form factor.

Complete Management and Monitoring Solution

The RocketStor 6674T rackmount hardware and software interfaces work in unison to deliver uncompromised data availability and security to ensure your storage investments stay healthy and accessible. The robust, high-quality steel chassis with front to back ventilation naturally dissipates heat, while the four intelligent cooling fans automatically adjust fan speed to keep storage cool without excessive noise. The integrated LEDs and audible alarm allow users to quickly monitor the status of each array and individual disk. A built-in, Redundant 500W PSU ensures your storage configuration remains available and accessible as needed.

Each RocketStor 6674T Rackmount RAID Enclosure includes our newly redesigned, easy to use web-based management utility.

The built-in Array Configuration Wizard allows users of any experience level to create any type of RAID array in three easy steps; simply select your RAID level, pick your drives and go!

Optional Advanced Management Features allow customers to fine tune RAID arrays for specific projects, with options to specify block size, designate spare disks for recovery, and schedule routine automated maintenance sessions with Email-notification to keep one abreast of changing storage conditions while outside of the work environment.

HighPoint Turbo RAID Architecture

HighPoint's industry proven Turbo RAID stack leverages the powerful system resources and Thunderbolt™ 3 host interface of today's modern computing platforms. HighPoint Turbo class RAID solutions deliver the market's best Cost-Performance RAID & JBOD Storage; ideal for applications that require fast data transfer and secure, mass-storage capability, such as compiling media libraries or archiving critical assets.

Comprehensive RAID Modes meet all of Your Applications Needs

The RocketStor 6674T was designed for high-density Professional Media Applications that demand massive storage capacity, high speed transfers, and uncompromised reliability.

For raw power, customers can configure RAID 0 arrays to attain up to 2,700MB of transfer performance. Hardware RAID 5 and 6 deliver the optimal combination of data security and performance; "stripe" RAID capability with protection for up to 1 and 2 disks respectively.

Key Benefits

- 2x Thunderbolt™ 3 USB-C Ports featuring 40Gb/s Speed bandwidth
- 3U 16-Bay Rackmount Chassis with Hot-swappable HDD/SSD Drive Bays
- HighPoint Turbo RAID Technology
- Supports RAID 0, 1, 5, 6, 10, 50 & JBOD
- High-Speed Storage and Connectivity solution
- User Friendly RAID Management Suite

Suggested Applications


- Mac and Windows based Media Archiving and Library applications
- High-Speed data transfer & backup

Designed with Scalability and Flexibility in Mind

The RocketStor 6674T's open approach to storage applications allows customers to use their choice of SATA drive from all major drive brands including HGST, Seagate, Toshiba and WDC. The integrated Online Capacity Expansion (OCE) and Online RAID level Migration (ORLM) features can add drives to existing RAID configurations, and change one RAID type to another on the fly. The sixteen removable hot-swap bays support any 2.5" or 3.5" SATA Hard Drive or SSD, up to 14TB in size, and up to 224TB of total storage capacity. Enterprise / NAS class drives are recommended for the RocketStor 6674T; customers can tailor storage configurations to meet each application's performance and budget requirements.

Feature Specifications	
Port Type	Thunderbolt™ 3
Number of Ports	2x Thunderbolt™ 3 Ports
Daisy Chain Support	Support Daisy Chain connect up to six Thunderbolt™ devices Note: The Daisy Chain will end if connect USB or Display via USB-C
Interface Technology	<ul style="list-style-type: none"> • Daisy Chain up to 6 devices • Bi-directional, dual-protocol (PCI Express and DisplayPort) • 8 lanes of DisplayPort 1.2 supports dual 4K displays or one 5K display • Power delivery; 15W to bus-powered devices • Backwards compatible with Thunderbolt™ 2 devices • USB-C ports compatible with existing USB devices and cables; support up to USB 3.1 10Gb/s speed
	HDD: 16x Disks (Read/Write)
	RAID 0: 2,400/1,600 MB/s
	RAID 5: 2,200/850 MB/s
Performance Benchmark	
RAID Level	0, 1, 5, 6, 10, 50 and JBOD
System Requirements	Computer with a USB-C Port (Thunderbolt™ 3)
	Windows 8 and later
	Note: Your PC may need updates for the Thunderbolt™ 3 ports to function properly. See here for more information: (https://thunderbolttechnology.net/updates)
	macOS 10.10 and later
Max. Capacity	Unlimited
	(Please check the product compatibility list)
Number Of drives	Up to 16
Drive Interface	SATA
Drive Form Factor	3.5" & 2.5"
Material	Heavy-duty cold-rolled steel Housing
Dimension	17.32" (W) * 5.19" (H) * 23.29" (D)
Weight	57.87 lbs.
Warranty	3 Years
Storage Monitoring and Management Suite	
RAID Management Suites	Browser-Based management tool
Enclosure Management via WebGUI	Fan, Temp. , Status
LED Indicator and Button	HDD Power, Present, Active, Fail, Rebuilding and Identify Enclosure FAN, Temp. , Power status Mute button
SMTP Email Alert Notification	Yes
Power Supply	500W Redundant, Low-Noise PSU
	AC INPUT: 90-230V 50-60Hz
Internal Fan	Four 80x80x25mm Hot-Swappable Fans
Alarm Buzzer	Buzzer beeping when failed drive or array occurs

Advanced RAID Features	
Flash ROM for upgradeable BIOS	RAID Initialization Background/Foreground/Quick
Storage Health Inspector	Global Hot Spare Disk support
Redundant RAID Configurations	Automatic and configurable RAID Rebuilding Priority
Bootable RAID Array	Disk Format compatible: 512, 512e, 4Kn
EFI BIOS for Mac Platform	Larger than 2 TB Drive and RAID Array support
Multiple RAID Partitions supported	Spin down Massive Arrays of Idle Disks support
Online Array Roaming	Native Command Queuing
Online RAID Level Migration (ORLM)	Write Back and Write Through
Online Capacity Expansion (OCE)	

Product Model	RocketStor 6674T
Product Image	
Retail Box Dimensions	25.91" x 27.99" x 12.52"
Retail Box Weight	65.26 lbs.
Kit Contents	1x 16-Bay Enclosure 16x Drive Trays 1x Thunderbolt™ 40Gb/s Cable 2x UL Power Cord 64x 3.5" HDD mounting screws 64x 2.5" SSD mounting screws 1x Quick Installation Guide
Optional Accessories	
Thunderbolt™ 3 cables	TB3-040G-505 - 0.5M, 40Gb/s TB3-040G-510 - 1M, 40Gb/s TB3-040G-520 - 2M, 40Gb/s TB3-020G-510 - 1M, 20Gb/s TB3-020G-520 - 2M, 20Gb/s

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