

Rocketstor 6618T

8-Bay Thunderbolt™ 3 40Gb/s SATA RAID Storage Enclosure

Industry’s Most Affordable RAID 5 & 6 Solutions: Superior Speed and Security for Professional Media Applications

- 2x Thunderbolt™ USB-C Ports featuring 40Gb/s Speed bandwidth
- HighPoint Turbo RAID Technology
- High-Speed Storage and Connectivity solution
- Industry's Most Cost-effective SATA RAID 5 & 6 Storage solution
- Performance up to 2,700MB/s
 - SSD RAID 0 Array Up to 2,700MB/s
 - HDD RAID 0 Array Up to 1,800MB/s
 - SSD RAID 5 Array up to 2,400MB/s
 - HDD RAID 5 Array up to 1,600MB/s
- 8x Hot-swappable HDD / SSD Drive Bays
- User Friendly RAID Management Suite

High-Speed, Big Data or All-In-One: Your Choice!

Experience the Speed and Flexibility of RocketStor's Open Storage Concept: Each RocketStor enclosure was designed to accommodate a multitude of storage configurations and applications; SSD's for Maximum Performance, HDD's for Mass Storage, or a combination of both for tasks that call for high-speed workspace and archiving capability.

The RocketStor 6618T is significantly more versatile than conventional solutions, which rely on pre-packaged storage comprised solely of drives of the same speed and capacity. Customers are free to mix and match disks of different capacities and speed levels to meet the needs of any application.

The RocketStor 6618T is powered by HighPoint's market proven Turbo RAID technology, and is the Industry's Most Cost-effective SATA RAID 5 & 6 Storage solutions available for Thunderbolt™ host platforms



SSD Array performance up to 2,700MB/s. Supports compressed 4K video editing



HDD Array capacity up to 80 TB. Backup up to 20 hours 4K DPX footage.



Consolidate multiple Arrays for different project in one RAID Enclosure.

Comprehensive RAID Modes Meet all of Your Applications Needs

The RocketStor 6618T was designed for Professional Media Applications that demand consistent high speed transfers, flexibility and uncompromised reliability.

RAID Level	Number of Disks	Capacity	Performance	Redundancy Protection
0	At least 2 to 8	100%	<div></div>	
1	At least 2	50%	<div></div>	<div></div>
5	At least 3 to 8	67% ~ 87%	<div></div>	<div></div>
6	At least 4 to 8	50% ~ 75%	<div></div>	<div></div> <div></div>
50	Requires 6 or 8	50% ~ 87%	<div></div>	<div></div> <div></div>

Simplify Your Workplace with Performance

The RocketStor 6618T is powered by our industry proven Turbo RAID technology which leverages powerful system resources and the latest Thunderbolt™ USB-C technology to deliver 40Gbps data transfer rates. Turbo class RAID enclosures are designed to deliver the industry's most cost-efficient RAID-6 Storage Solutions. With up to 2700MB/s of transfer performance, the RocketStor 6618T supports multi stream UHD or ProRes 444 video editing and is suitable for a 4K compressed production workflows.



Safeguard Your Storage Investments

RocketStor RAID solutions seamlessly integrates the RocketStor 6618T's LED features, audible alarm and intelligent cooling apparatus to ensure your storage investments stay healthy and accessible.

Intuitive LED's

- **Activity** - Blinking blue
- **Power On** - Solid Blue
- **Fail** - Solid red
- **Identify** - Blinking Red

Intelligent Fan Control

Automatically adjusts fans speeds to maintain consistent ambient temperatures while keeping unwanted noise to a minimum.

Audible Alarms

Configure to notify in case of overheating or device failure.

Configurable Event Notification

Get RAID Storage Health Status updates anytime, anywhere, via Email.

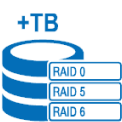
Uncompromised RAID Architecture



Storage Availability and Accessibility: The RocketStor 6618T integrates a series of preemptive security measures to maximize Storage uptime whenever data is needed. Robust Redundant RAID 5 & 6 Protection shields storage configurations from 1 or 2 disk failures without compromising data accessibility.

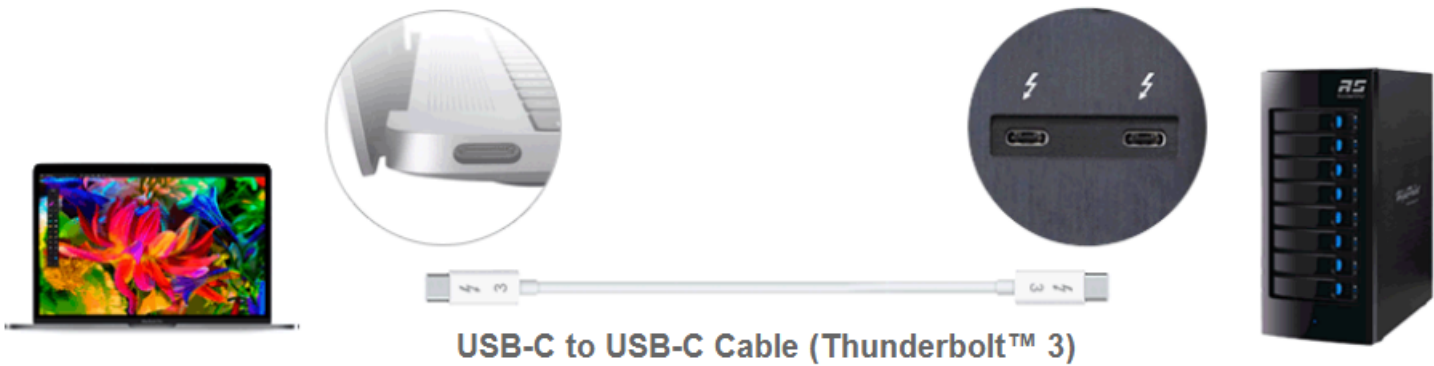


Open-Box Storage Solution: The RocketStor 6618T features an “open-box” approach to storage, which grants customers the freedom to use their choice of SAS or SATA drive from all major drive brands. Customers can add drives as needed to meet the evolving performance or capacity requirements of the storage application, performance, and budget requirements.



Storage Expansion Ready: Daisy-Chain capability allows customers to link as many as 6 independent RocketStor 6618T units using a single Thunderbolt™ 3 host port. The Online Capacity Expansion and RAID Migration allow customers to modify RAID configurations or expand existing storage while avoiding complicated, time consuming backup and restoration procedures

Embrace Old and New Thunderbolt™ Systems




No Restrictions: Connect to any existing Thunderbolt™ or Thunderbolt™ 2 Host System



Feature Specifications	
Port Type	Thunderbolt™ 3
Number of Ports	2x Thunderbolt™ 3 Ports
RAID Level	0, 1, 5, 6, 10, 50 and JBOD
System Requirements	Computer with a USB-C Port (Thunderbolt™ 3)
	Windows Server 2008 / Windows 8 & later
Max. Capacity	Unlimited (check compatibility lists for recommended HDD's & SSD's)
Number Of drives	Up to 8
Drive Interface	SATA
Drive Form Factor	3.5" & 2.5"
Material	Brushed aluminum housing
Dimension	13.00' (H) x 5.67' (W) x 10.12' (D)
Weight	12.9 lbs.
Warranty	3 Years
Storage Monitoring and Management Suite	
RAID Management Suites:	Browser-Based management tool,
LED Indicator and button	HDD Power, Present, Active, Fail, Rebuilding and Identify
SMTP Email Alert Notification	Yes
Power Supply	AC INPUT: 100-240V ~ 5A 50/60Hz; DC OUTPUT: 250W
Internal Fan	80x80x25mm, Dual Fan
Alarm Buzzer	Buzzer beeping when failed drive or array occurs

Advanced RAID Features
Storage Health Inspector
Redundant RAID Configurations
Bootable RAID Array
Multiple RAID Partitions supported
Online Array Roaming
Online RAID Level Migration (ORLM)
Online Capacity Expansion (OCE)
RAID Initialization Background/Foreground/Quick
Global Hot Spare Disk support
Automatic and configurable RAID Rebuilding Priority
Auto resume incomplete rebuilding after power on or reboot system
Disk media scan and repair
Automatic remap and fix drive bad block for RAID array - Redundant RAID Levels (RAID 1, 5, 6, 10, 50)
Disk Format compatible: 512, 512e, 4Kn
Larger than 2 TB Drive and RAID Array support
Spin down Massive Arrays of Idle Disks support
Native Command Queuing
Write Back and Write Through
Storage Health Inspector

Operating Environment	
Temperature	(operating) 5°C – 45°C (non-operating) -40°C – 65°C
Relative Humidity	(operating) 8% – 90% RH (Non-condensing) (non-operating) 5% – 95% RH (Non-condensing)
Optional Accessories	
	RocketStor TRAY-T - Removable hot-swap drive tray Key Feature: 2.5" and 3.5" drive compatible The RocketStor RSTRAY-T is a replacement Drive Tray designed specifically for HighPoint RocketStor Tower RAID Enclosures.

Kit Contents
1x 8-Bay Tower RAID Enclosure
8x Drive Trays
1x Thunderbolt™ 3 40Gb/s Cable (2 meters)
1x UL Power Cord
32x 3.5" HDD mounting screws
32x 2.5" SSD mounting screws
1x Quick Installation Guide

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