



RocketStor 6628T

2nd Generation Thunderbolt™ 3 40Gb/s Turbo RAID Storage Enclosure



Refined Performance, Reliability & Management Features

Streamlined RAID Management for Professionals

Each RocketStor 6628 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, enable DV Mode for digital media projects, 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.

Fast, Consistent, & Smooth Data Transfer for large block size Applications

The RocketStor 6628T 2nd Generation Series Thunderbolt™ 3 RAID enclosures feature the latest iteration of HighPoint's industry proven, cost-effective Turbo RAID stack, which features substantial refinements to both transfer performance and stability for professional storage applications.

RocketStor 6628T benefits from streamlined performance and highly stable transfers for large block size applications such as video production and editing, media streaming and content creation.

Enhanced Storage Cooling Solution

The ability to manage the high-levels of heat generated by prolonged, sustained I/O sessions on today's high-capacity hard disks is a prime concern when choosing the right RAID enclosure solution.

RocketStor 6628 Series RAID enclosures seamlessly integrate LED's, audible alarms, and superior cooling apparatus to ensure your storage investments and the critical data they host stay cool, healthy and productive. Proactive monitoring systems intelligently adjust fan speed on the fly to eject waste heat from the chassis and prolong the life of today's high-capacity SAS and SATA hard drives.

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

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 6628T 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 6628T 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.

Uncompromised RAID Architecture

The RocketStor 6628T 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.

Key Benefits

- 2x Thunderbolt™ USB-C Ports featuring 40Gb/s Speed bandwidth
- HighPoint Turbo RAID Technology
- Industry's Most Cost-effective SATA RAID 5 & 6 Storage solution
- Performance up to 2,400MB/s
- 8x Hot-swappable HDD / SSD Drive Bays
- User Friendly RAID Management Suite
- Blazing Fast, Consistent, & Smooth Data Transfer for large block size Applications
- Enhanced Storage Cooling Solution
- Refined 2nd Generation Chassis Design eases Maintenance

Suggested Applications


- Mac and Windows based Media Workstations
- High-Speed data transfer & backup

Storage Expansion Ready

Daisy-Chain capability allows customers to link as many as 6 independent RocketStor 6628T 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.

Feature Specifications	
Connection Type	Thunderbolt™ 3
Host Ports	2x Thunderbolt™ 3 Ports
Daisy Chain	Supports Daisy Chain connections of up to six Thunderbolt™ devices. (Note: the Daisy Chain will end when connecting a USB device or Display via USB-C)
TB3 Technology	<ul style="list-style-type: none"> • Daisy Chain up to 6 devices • Bi-directional, dual-protocol (PCI Express and DisplayPort) • 8 lanes of Display Port 1.2 - supports dual 4K displays or one 5K display • Power delivery: 15W to bus-powered devices • Backward compatible with Thunderbolt™ 2 devices • USB-C ports compatible with existing USB devices and cables, support up to USB 3.1 10Gb/s speed
RAID Type	Turbo RAID
RAID Support	0, 1, 5, 6, 10, 50 and JBOD
Capacity	Unlimited (Click here for recommended HDD and SSD)
Number of Devices	Up to 8
Device Type	SAS, SATA
Device Form Factor	3.5" & 2.5"
Power Supply	250W Low Noise PSU AC INPUT: 100-240 V 50/60Hz
Cooling	Dual 80 x 80 x25mm Cooling Fans, Heat-Dissipating Aluminum Enclosure
Material	Matte Plastic & Coated Aluminum
Dimension	13.00" (H) x 5.67" (W) x 10.12" (D)
Weight	12.9 lbs.
Warranty	3 Years
Performance	HDD: 8x disks RAID0 1800/1600 MB/s RAID5 1600/850 MB/s SSD: 8x disk (Read/Write) RAID0 2400/1600 MB/s RAID5 2200/850 MB/s
System Requirements	
Hardware	<ul style="list-style-type: none"> • Computer with a USB-C (Thunderbolt™ 3) • Computer with a Thunderbolt™ 2 (via Thunderbolt™ 3 to Thunderbolt™ 2 Adapter)
Windows	Window 8 and later Note: Your PC may require updates for the Thunderbolt™ 3 ports to function properly. See here for more information.
Mac	Mac OS X 10.10 and later
RAID Management	Browser-Based management tool
	Default no password needed to access WebGUI in Mac
	HDD Power, Present, Active, Fail, Rebuilding and Identify
	Email Alert Notification
Compliance Certification	CE FCC RoHS REACH WEEE
Operating Environment	
Temperature	(operating) 5°C – 45°C (non-operating) -40°C – 65°C
Humidity	(operating) 8% – 90% RH (Non-condensing) (non-operating) 5% – 95% RH (Non-condensing)

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 6628T
Product Image	
Retail Box Dimensions	15.35" x 9.25" x 13.39"
Retail Box Weight	12.9 lbs.
Kit Contents	1x 8-Bay Enclosure 8x Drive Trays 1x Thunderbolt™ 40Gb/s Cable 1x UL Power Cord 32x 3.5" HDD mounting screws 32x 2.5" SSD mounting screws 1x Quick Installation Guide

HighPoint Headquarters
 Phone 1-408-942-5800
 Fax 1-408-942-5801
 E-mail sales@highpoint-tech.com
 Website www.highpoint-tech.com
 Address 1161 Cadillac Ct. Milpitas CA, 95035

HighPoint Taiwan
 Phone + 886-2-2218-3435
 Fax + 886-2-2218-3436
 E-mail sales@highpoint-tech.com
 Website www.highpoint-tech.com
 Address 5F., No.3, Swei Lane, Jhongjheng Rd., Sindian District, New Taipei City 23148, Taiwan (R.O.C.)

HighPoint China
 Phone + 86-10-6213-0920
 Fax + 86-10-6897-5074
 E-mail sales@highpoint-tech.com
 Website www.highpoint-tech.cn
 Address 4th Floor Kehaifulin Building, NO. 12 Zhong Guan Cun South Rd, Aidian District Beijing China 100081

