

RocketStor 6661B-NVMe

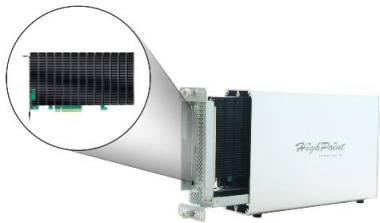
Thunderbolt™ 3 to NVMe RAID Adapter

- Thunderbolt™ 3 to NVMe RAID storage adapter
- Flexible capacity, Supports up to 4x M.2 NVMe SSDs
- Fast & Portable NVMe Storage Solution
- Supports all Thunderbolt™ 3 capable Mac and PC
- Delivers up to 2,800MB/s of real-world transfer performance



Compact, Portable NVMe RAID Storage for Thunderbolt™ 3 Connectivity

The RocketStor 6661B-NVMe allows you to add lightning-fast NVMe RAID Storage to any Thunderbolt™ 3 capable Mac or PC platform. Each RocketStor 6661B-NVMe solution supports up to four M.2 SSDs in RAID 0, 1, 10 and single-drive configurations, and can deliver an astounding 2,800MB/s of transfer performance - ideal for professional media applications that require maximum sustained read and write speeds.



Works with any Thunderbolt™ 3 capable Mac or PC

Like all HighPoint Thunderbolt™ 3 I/O Solutions, the RocketStor 6661B-NVMe was designed with simplicity and ease of use in mind. The ultra-slim enclosure includes a pre-installed NVMe RAID controller, which can be quickly accessed via quick-release thumbscrews. The RAID controller supports up to 4 M.2 SSDs and 32TB of storage, which can be easily installed by users of any experience level.

Flexible NVMe Storage Capacity

Unlike most NVMe solutions which tie a single SSD to a PCIe module, the RS6661B-NVMe supports up to 4 individual M.2 NVMe SSDs, and up to 32TB of total storage capacity. Each SSD can be configured to operate independently or as part of a RAID 0, 1, or 10 array. The RocketStor 6661B-NVMe has been qualified with a wide range of NVMe SSD's, including Samsung's 980 Pro series 2TB models.

HighPoint NVMe Manager with Integrated TRIM & SMART Monitoring

The RocketStor 6661B-NVMe includes our intuitive NVMe Manager interface, which allows users of any experience level quickly configure the M.2 SSDs into RAID arrays or as stand-alone drives. TRIM support promotes the longevity and endurance of each SSD while SMART monitoring allows customers to keep close tabs on the physical attributes of each device, including temperature readings, total bytes written and disk usage values; essential tools for planning, configuring and maintaining mission critical SSD storage. Quick Configuration menus allow new users to get everything up and running with a few simple clicks. In depth, Advanced Options allow experienced professionals to fine tune SSD module configurations for specific applications.

Control: HighPoint

Global view Physical Logical Settings Event Help

Storage Health Inspection (SHI)					
Controller ID	Location	Device Serial Number	RAID	Total Bytes Written	S.M.A.R.T
1	EL_1	SS00N0W050337	RAID_0_0	208.26 TB	Detail
2	EL_2	SS00N0W050336	RAID_0_0	385.66 TB	Detail
3	EL_3	SS00N0W050334	RAID_0_0	31.53 TB	Detail
4	EL_4	SS00N0W050338	RAID_0_0	433.23 TB	Detail

NVMe S.M.A.R.T Attributes	
Name	Value
Critical Warning	0x0
Composite Temperature (C)	27
Available Space	100%
Available Space Threshold	10%
Percentage Used	6%
Data Units Read	0x00000000
Data Units Written	0x00000000
Host Write Commands	0x00000000
Controller Busy Time	0x00000000
Power Cycles	0x0000
Reset On Hours	0x0000
Unrecoverable Errors	0x0000
Media and Data Integrity Errors	0x00
Number of Error Information Log Entries	0x00
Critical Composite Temperature Time	0x00
Temperature Sensor 1 (C)	27
Temperature Sensor 2 (C)	28
Temperature Sensor 3 (C)	0
Temperature Sensor 4 (C)	0
Temperature Sensor 5 (C)	0
Temperature Sensor 6 (C)	0
Temperature Sensor 7 (C)	0
Temperature Sensor 8 (C)	0

HDD Temperature Threshold	
Set Harddisk Temperature Threshold (C)	74 [Set]

HighPoint RAID Management 3.0.0
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Feature Specifications	
Hardware Feature	RocketStor 6661B-NVMe
Host Ports	2x Thunderbolt™ 3 Ports
I/O Ports	NVMe Storage Adapter
Number of Channel / Port	4x 2280 M.2 NVMe port
Number of Devices	4x M.2 NVMe SSD
RAID Mode	Single, RAID 0, 1, 1/0
Daisy Chain	Support Daisy Chain connect up to six Thunderbolt device. Note, the Daisy Chain will end if connect USB or Display via USB-C
TB3 Technology	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; Backward compatible to Thunderbolt 2 devices; USB-C ports compatible with existing USB devices via USB-C cable, support up to USB 3.1 10Gb/s speed
System Requirement	Computer with a USB-C (Thunderbolt 3); Computer with a Thunderbolt 2 (via Thunderbolt 3 to Thunderbolt 2 Adapter)
	macOS X 10.13 ~ macOS ventura 13.x
	Mac Platforms: • Apple Mac Pro Systems: 2012 and later Mac Pro systems; 5.1, 7.1 (2019) • Intel & Apple M1 Platform compatible
	Windows 11, 10, Windows Server 2022, 2019, 2016, 2012 R2 Microsoft Hyper-V Only supports 64 bit operating system.
	Linux kernel 3.10 and later(RedHat/Ubuntu/Fedora/Debian) (Linux Driver can be installed via internet/network connection) Note: Your PC may need updates for the Thunderbolt 3 ports to function properly. See here for more information. (https://thunderbolttechnology.net/updates) Only supports 64 bit operating system.
Enclosure Indicator	Thunderbolt4 supoort: • Support Mac Thunderbolt4 platform • Support Z690 chipset PC platform(Not support RR3700 and RR800 series) • Not support Z590 chipset PC platform
	Power On (Blue)
	Rugged, Ultra slim aluminum enclosure
	Dual-Ultra Quiet, high-efficiency Cooling fans
	Quick release thumbscrews for easy access
Power Supply	External 60 watts power supply
Dimensions	2.24"(W) x 9.84"(D) x 6.26" (H)
Weight	5.4 lbs.
Material	Aluminum
Warranty	Limited Warranty period (parts): 1 year
	Limited Warranty period (Labor): 1 year
	Return For Repair or Replacement Only
Power	Input AC 100-240V Output DC 12V 5A
Work Temp:	+5°C ~+ 55°C
Storage Temp:	-20°C ~ +80°C
MTBF (Mean Time Before Failure)	920,585 Hours
Compliance Certification	CE FCC RoHS REACH WEEE
RAID Monitoring and Management Suite	
Browser-Based management tool	Yes
CLI(Command Line Interface-scriptable configuration tool,	Yes
API package	Yes
Drive LED Indicator: Power, Present, Active	Yes
SMTP Email Alert Notification	Yes
Storage Health Inspector	Yes

Global Hot Spare Disk support	Yes
Automatic and configurable RAID Rebuilding Priority	Yes
Auto resume incomplete rebuilding after	Yes
NVMe SMART status	Yes
Power Supply	INPUT: 100-240V ~ 1.5A 50-60Hz OUTPUT: 12V ~ 5A
Kit Contents	1x RocketStor 6661B Expansion Chassis
	1x Thunderbolt 3 40Gb/s cable
	1x Power cord
	1x Quick Installation Guide
	1x SSD7204
	1x Power adapter



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