



Rocket 2720A

8 Channel 6G SAS/ 6G SATA PCIe 2.0 HBA

The Industry's Most Cost-Effective, Driverless 6G SAS/SATA DAS Solution for Linux Platforms

Cost-Effective High-Density 6G DAS Connectivity Solution for Linux Platforms

HighPoint's Rocket 2720A (R2720A) is the industry's most cost-effective high-density direct-attached storage solution for x86 platforms and Linux distributions.

The compact half-height, half-length PCIe 2.0 x8 HBA can be easily integrated into any industry standard PC platform with PCIe 3.0 or 4.0 host connectivity, and provides eight independent 6G SAS device channels. The dual SFF-8087 ports can support up to 8 SAS/SATA HDDs or SSDs of any capacity.

Driverless, Plug & Play Installation for Linux Distributions

Rocket 2720A HBAs are natively supported by Linux distributions running kernel v3.10 and later. No device driver or software application is required.

Native driver support simplifies routine kernel and OS update procedures. Unlike devices that require binary driver support, the Rocket 2720A can remain online during the upgrade procedure, without fear of data loss or extended downtime.

Comprehensive Device Driver Support for Windows Server, Hyper-V and Windows 11/10

Certified Device Drivers are available for all current version of Windows operating systems including Server 2022, Hyper-V, and Windows 10 & 11. Legacy driver support is also available for Server 2016/2012 and Windows 7 & 8. Device driver packages are routinely updated to keep in sync with official OS updates.

OS RAID & Software Defined Storage Ready

The Rocket 2720A is fully compatible with OS level RAID solutions and Software-Defined Storage Suites such as CEPH and Microsoft S2D. Disks hosted by the Rocket 2720A will be recognized as independent, stand-alone drives, which can be formatted, partitioned and configured into software RAID arrays or JBOD/span configurations using the default Windows and Linux storage management interfaces.

Versatile Cabling Solutions

The industry standard SFF-8087 Mini-SAS ports can support a wide range of cabling accessories such as the INT-MS-1M4SC Mini-SAS to SATA data cable.

Feature Highlights

- Industry's Most Cost-effective 6G DAS Solution
- Up to 8 6G SAS/SATA HDDs/SSDs
- 2x SFF-8087 Ports
- PCIe 2.0 x8 host interface
- OS RAID & SDS Ready
- Native Linux Support: Kernel v3.10 and later
- Comprehensive Windows driver support for both x86 Platforms



Feature Specifications	Rocket 2720A
Bus Interface	PCIe 2.0 x8
Number of Channel / Port	8x 6Gb/s SAS / 6Gb/s SATA Channels (2x SFF-8087 Ports)
No. of Devices	Up to 8 SAS/SATA HDD/SSD
Form Factor	Half-Height, Half-Length
Dimensions	3.79" L x 2.56" H x 0.53" D
Weight	0.37 lbs.
Storage Mode	Non-RAID (HBA)
Operating System Support <i>(Only supports 64-bit operating systems)</i>	<ul style="list-style-type: none"> Windows 11, 10 Windows Server 2022, 2019, 2016 Microsoft Hyper-V
	Natively supported by Linux Distributions (Kernel v3.10 and later)
Compliance Certification	CE FCC RoHS REACH WEEE
Operating Environment	
Work Temp:	+5°C ~+ 55°C
Storage Temp:	-20°C ~ +80°C
Operating Voltage	PCI-e: 12V/3.3V Power: 11W
MTBF (Mean Time Before Failure)	920,585 Hours
Kit Contents	Rocket 2720A (R2720A)
	1x Rocket 2720A Controller card
	1x Quick Installation Guide
	1x Low-Profile bracket

Rocket 2720A (R2720A)



Cable Accessories



INT-MS-1M4SC

SFF-8087 to 4x SATA Cable
Length: 1 Meter

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