VIPER PV593 2TB M.2 2280 PCIE Gen5 x4 SSD

Introducing Patriot Memory's newest SSD; the PV593, a PCIe M.2 SSD with a Gen5 x 4 ultra speed link! Designed for gamers, professionals, and creatives of all kinds, the PV593 is the newest invention in modern storage. With its PCI Gen5 x 4 interface, bandwidth and speed are faster than ever with read speeds up to 14,000MB/s. To keep it cool under pressure, the PV593 is adopted by SMI SM2508 controller and created with 6nm fabrication process and advanced thermal dispassion management system to prevent overheating.

The PV593 is perfect for gamers and videographers thanks to its full support of Microsoft DirectStorage, a game-changing technology that dramatically decreased loading times and creates a smoother experience with an enhanced graphics performance. The PV593 ensures there is enough capacity for anything you need with up to 4TB of space, whether that be games, important files, photos, or videos! The PV593 is O/S supported for Windows 7, 8.0, 8.1, 10, and 11.

PRODUCT INFORMATION

PATRIOT INV. NUMBER:	PV593P2TBM28H
DESCRIPTION:	VIPER PV593 2TB M.2 2280 PCIE Gen5 x4 SSD
CAPACITY:	2000GB
CERTIFICATIONS/SAFETY:	CE/FCC/UKCA/BSMI//RoHS
PRODUCT WARRANTY:	5 Year Warranty
UNIT EAN/UPC:	4711378430622
UNIT WEIGHT:	0.02 lbs / 11 g
UNIT DIMENSIONS:	3.15" (L) x 0.87" (W) x 0.3" (H) 8 cm (L) x 2.2 cm (W) x 0.8 cm (H)
PACKAGING TYPE:	Retail Box
PACKAGING WEIGHT:	0.08 lbs / 40 g
PACKAGING DIMENSIONS:	1" (L) x 2.98" (W) x 4.83" (H) 2.5 cm (L) x 7.6 cm (W) x 12.3 cm (H)
MASTER CARTON WEIGHT:	15.43 lbs / 7 kg
MASTER CARTON DIMENSIONS:	12.68" (L) x 16.93" (W) x 15.94" (H) 32.2 cm (L) x 43 cm (W) x 40.5 cm (H)
UNITS PER INNER CARTON:	10
UNITS PER MASTER CARTON:	120

FEATURES:

- Built with the latest SMI SM2508 PCIe Gen5 controller & 232 Layer TLC NAND
- M.2 2280 PCIe Gen5 x4, NVMe 2.0
- New 6nm process with advanced thermal dispassion management
- 4K LDPC ECC
- Support DirectStorage
- Intelligent Thermal Throttling
- 5 Year Warranty
- Operating Temperature: 0 ~ 70°C
- O/S Supported: Windows® 7*/8.0*/8.1/10/11

SPECIFICATIONS:

- Capacity: 2000GB
- External buffer memory size: upgrade to DDR4 2GB
- Sequential Read (CDM): up to 14,000MB/s
- Sequential Write (CDM): up to 13,000MB/s
- 4K Aligned Random Read: up to 2000K IOPs
- 4K Aligned Random Write: up to 1650K IOPs
- TBW:1400TB