- PCIe Gen5 x4 NVMe 2.0 M.2 2280 Performance
- Seq. Read/Write Speeds up to 14,000 MB/s and 13,000 MB/s
- New 6nm process with advanced thermal dispassion management

Viper PV593
PCIe Gen5 x4 M.2 2280 SSD

In the relentless pursuit of perfection, every millisecond shapes a lasting legacy. The Viper PV593 flagship SSD embodies raw performance and unwavering conviction at its core — engineered for those who never settle.

Powered by next-generation PCIe Gen5 x4 NVMe 2.0 technology, the advanced SM2508 controller, and a refined 6nm architecture, it delivers blistering sequential speeds of up to 14,000 / 13,000 MB/s. From faster game loading to AI model training, from complex content creation to seamless multitasking, every action becomes instinctive — pushing past the boundaries you set.

Features

- PCIe Gen5 x4, NVMe 2.0 interface
- Seq. read/write speeds up to 14,000 MB/s and 13,000 MB/s
- Random read speeds up to 2,000K IOPS
- Endurance (TBW) up to 3,000 TB
- New 6nm process with advanced thermal dispassion management
- 4K LDPC ECC
- Support Direct Storage
- Intelligent Thermal Throttling
- Backed by a five-year warranty

*Use of SSD cooling is strongly recommended for optimal performance

Specifications

Model / Capacity	4TB	2TB	1TB
Form Factor / Interface	PCIe Gen5 x4 NVMe 2.0 M.2 2280		
Seq. Read/Write (MB/s)	14,000 / 13,000		14,000 / 10,000
Endurance (TBW)	3000TB	1400TB	700TB
Operating Temperature	0 ~ 70°C		
Operating System	Windows® 7*/8.0*/8.1/10/11 (*May require drivers depending on system conditions)		
Dimension	3.15" (L) x 0.87" (W) x 0.15" (H) / 8 cm (L) x 2.2 cm (W) x 0.38 cm (H)		
Weight	0.02 lbs / 11 g		
Warranty	Five-year warranty		

Ordering Info

Capacity	Part Number	EAN / UPC Code	Capacity	Part Number	EAN / UPC Code
4TB	PV593P4TBM28H	4711378430639	1TB	PV593P1TBM28H	4711378430615
2TB	PV593P2TBM28H	4711378430622			