



- Seq. Read/Write speeds up to 14,000/11,000 MB/s
- Powered by the latest PCIe Gen5 x4 controller
- NVMe 2.0 compliant for next-gen performance

Viper PV563 PCIe Gen5 x4 M.2 2280 SSD

Harness PCIe Gen5 x4 and NVMe 2.0 performance tuned for real-world workloads. With up to 14,000MB/s read and 11,000MB/s write speeds, the Viper PV563 balances extreme bandwidth with power efficiency. Built on 3D TLC NAND with HMB support and dynamic SLC cache, it ensures fast, reliable performance across gaming, multitasking, and creative workloads.

The PV563 delivers up to 2X faster sequential read speeds than Gen4 SSDs, with stronger workload efficiency and lower power draw. It's the smart Gen5 upgrade for users who want next-level speed without bulky hardware or compromises.

Features

- Powered by the latest PCIe Gen5 x4 controller
- NVMe 2.0 compliant
- Host Memory Buffer (HMB) support for accelerated access
- Advanced Thermal Throttling safeguards performance under load
- Ultra-slim graphene heatshield for efficient cooling
- SmartECC™ technology ensures data integrity
- O/S Supported: Windows® 7*/8.0*/8.1/10/11



Specifications

Model / Capacity	4TB	2TB	1TB
Form Factor / Interface	PCIe Gen5 x4 M.2 2280		
Seq. Read / Write (MB/s)	14,000 / 11,000	14,000 / 10,000	14,000 / 7,500
Endurance (TBW)	3000TB	1400TB	700TB
Operating Temperature	0°C ~ 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

Capacity	Part Number	EAN/UPCCode	Capacity	Part Number	EAN / UPC Code
4TB	PV563P4TBM28H	4711378430707	1TB	PV563P1TBM28H	4711378430684
2TB	PV563P2TBM28H	4711378430691			