



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

Viper PV563 Series 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 series 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 series delivers up to 2X faster sequential read speeds than Gen4 SSDs, with stronger workload efficiency and lower power draw. Offered in two thermal editions: the ultra-slim graphene heat spreader and the high-performance aluminum fin heatsink, the PV563 series allows users to optimize for compact or maximum cooling needs. This is the smart Gen5 upgrade for speed without compromise.

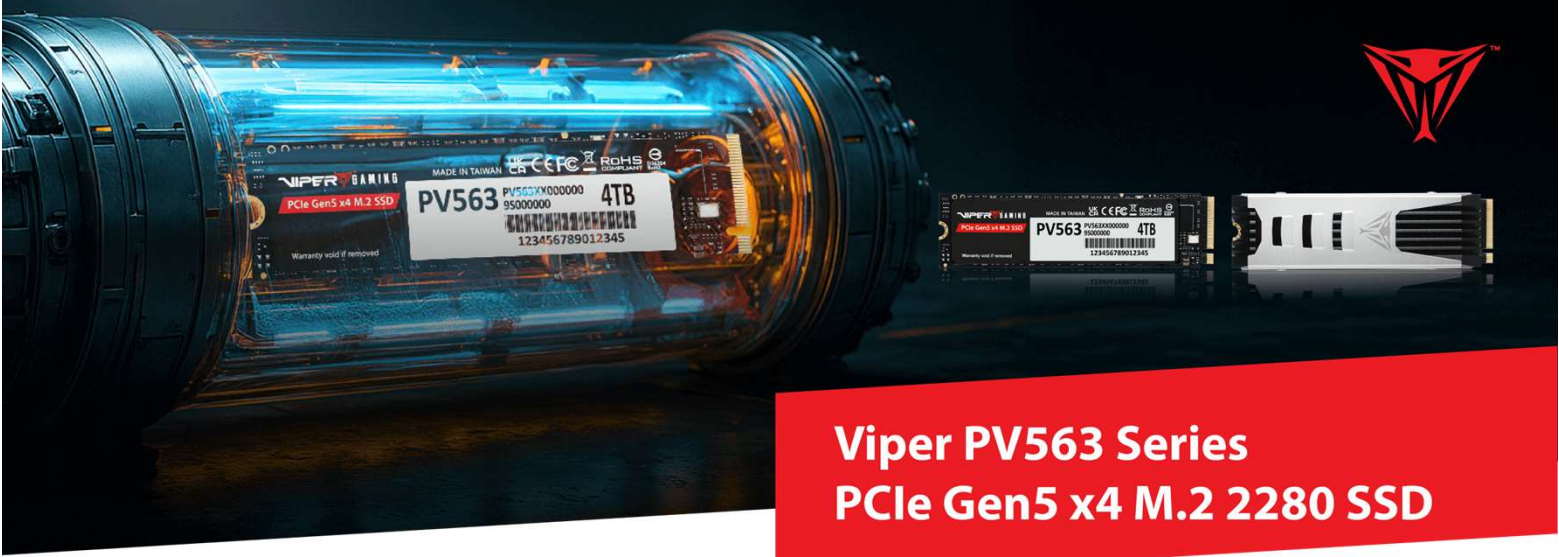
Features

- Powered by the latest PCIe Gen5 x4 technology and NVMe 2.0 compliant
- Blazing-fast read/write speeds of up to 14,000MB/s and 11,000MB/s
- Supports Host Memory Buffer (HMB) for accelerated system access
- Available in two thermal editions: The "ultra-slim graphene heat spreader" edition (PV563) and the "aluminum fin heatsink" edition (PV563H).
- High endurance rating, with up to 3,000TBW
- Backed by a five-year limited warranty



Specifications

Model	PV563 / PV563H		
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	PV563: 3.15" (L) x 0.87" (W) x 0.15" (H) / 8 cm (L) x 2.2 cm (W) x 0.38 cm (H) PV563H: 3.15" (L) x 0.96" (W) x 0.65" (H) / 8 cm (L) x 2.45 cm (W) x 1.65 cm (H)		
Weight	PV563: 0.02 lbs / 11 g PV563H: 0.10 lbs / 45 g		
Warranty	Five-year Warranty		



Viper PV563 Series PCIe Gen5 x4 M.2 2280 SSD

Ordering (PV563)

Capacity	Part Number	EAN / UPC Code
4TB	PV563P4TBM28H	4711378430707
2TB	PV563P2TBM28H	4711378430691

Capacity	Part Number	EAN / UPC Code
1TB	PV563P1TBM28H	4711378430684

Ordering (PV563H)

Capacity	Part Number	EAN / UPC Code
4TB	PV563HP4TBM28H	4711378431827
2TB	PV563HP2TBM28H	4711378431810

Capacity	Part Number	EAN / UPC Code
1TB	PV563HP1TBM28H	4711378431902