



## VIPER PV553 1TB M.2 2280 PCIe Gen5 x4 SSD

Take your PC storage to the next level with the Viper PV553 M.2 2280 PCIe Gen5 x4 SSD. Built with the latest PCIe Gen5 x4 controller and 232 layer TLC NAND, fully compliant with NVMe 2.0 and high-efficiency cooling heatshield, the PV553 is the ultimate high-performance solid state drive for an optimal gaming experience. Backed by lightning-fast sequential read speeds of up to 12,400MB/s, sequential write speeds of up to 11,800MB/s, up to 3000TBW and capacities starting at 1TB, the PV553 offers absurd speeds and storage perfect for the best systems.

The PV553 utilizes the latest in Patriot Memory's advancements in cooling technology as the first SSD with a blower fan design. With its active thermal dissipation heatshield, the PV553 utilizes steady and continuous cooling over long periods of usage to support even the most intense gaming marathons.

Along with its construction from world-class materials and an ultra-thin 16.5mm aluminum heatshield, the PV553 comes with the tools to ensure consistently strong performance with its embedded thermal sensor for throttling and low power consumption. Backed by Patriot Memory's 5-year warranty, the PV553 offers top-quality assurance and reliability for all users.

## PRODUCT INFORMATION

<b>PATRIOT INV. NUMBER:</b>	PV553P1TBM28H
<b>DESCRIPTION:</b>	VIPER PV553 1TB M.2 2280 PCIe Gen5 x4 SSD
<b>CAPACITY:</b>	1000GB
<b>CERTIFICATIONS/SAFETY:</b>	CE/FCC/UKCA/BSMI//RoHS
<b>PRODUCT WARRANTY:</b>	5 Year Warranty
<b>UNIT EAN/UPC:</b>	4711378425215
<b>UNIT WEIGHT:</b>	0.11 lbs / 52 g
<b>UNIT DIMENSIONS:</b>	0.96"(L) x 3.15"(W) x 0.65"(H) 2.45 cm (L) x 8 cm (W) x 1.65 cm (H)
<b>PACKAGING TYPE:</b>	Retail Box
<b>PACKAGING WEIGHT:</b>	0.25 lbs / 115 g
<b>PACKAGING DIMENSIONS:</b>	2.13"(L) x 2.98"(W) x 1.61"(H) 5.4 cm (L) x 7.6 cm (W) x 12.3 cm (H)
<b>MASTER CARTON WEIGHT:</b>	18.74 lbs / 8.5 kg
<b>MASTER CARTON DIMENSIONS:</b>	12.68"(L) x 16.93"(W) x 15.94"(H) 322 cm (L) x 430 cm (W) x 405 cm (H)
<b>UNITS PER INNER CARTON:</b>	5
<b>UNITS PER MASTER CARTON:</b>	60

## FEATURES:

- Built with the latest PCIe Gen 5 x4 controller & 232 Layer TLC NAND
- M.2 2280 PCIe Gen5 x 4, NVMe 2.0
- Active thermal dissipation heatshield, Providing steady and continuous cooling. First Heatshield adopt blower fan design. Separated connecting wire. Extra thin Heat shield design 16.5mm with fashion outlook
- External buffer memory size: upgrade to DDR4 2GB
- Intelligent Thermal Throttling
- Over-Provision
- Predict & Fetch
- Operating Temperature: 0 ~ 70°C
- Power Consumption: Full: 11W PS4: 85mW
- O/S Supported: Windows® 7\*/8.0\*/8.1/10/11

## SPECIFICATIONS:

- Capacity: 1000GB
- Sequential Read (CDM): up to 11,700MB/s
- Sequential Write (CDM): up to 9,500MB/s
- 4K Aligned Random Read: up to 1300K IOPs
- 4K Aligned Random Write: up to 1400K IOPs
- TBW: 700TB

For technical support, email us at:  
[SUPPORT@PATRIOTMEM.COM](mailto:SUPPORT@PATRIOTMEM.COM)

# MEMORY STORAGE