



P320 512GB M.2 2280 PCIe Gen3 x4 SSD

The P320 is Patriot's next generation of high-tier PCIe gen 3x4 NVMe SSD to hit the market, offering much higher transfer speeds and IOPs than standard PCIe 3x2 solutions. The compact m.2 form factor is designed for easy installation and will fit into any PC or laptop, while its low power consumption helps extend laptop battery life. The P320 is guaranteed to improve start-up, loading, and transfer times over traditional hard disk drives.

The P320's advanced firmware offers thermal throttling technology and end-to-end data path protection to ensure data integrity throughout the life to the drive. Advanced wear-leveling and thermal management features extend the life of the drive for maximum use.

Boost your computer's performance with quicker application loading times for a better overall experience and productivity while transferring heavy workloads without the lag. Backed by our 5-year warranty, Patriot's P320 delivers one of the most reliable price-to-performance SSD's on the market

PRODUCT INFORMATION

PATRIOT INV. NUMBER:	P320P512GM28
DESCRIPTION:	P320 512GB M.2 2280 PCIE Gen3 x4
CAPACITY:	512GB
CERTIFICATIONS/SAFETY:	CE/FCC/RoHS/UKCA
PRODUCT WARRANTY:	5 Year Warranty
UNIT EAN/UPC:	4711378427615
UNIT WEIGHT:	0.02 lbs / 11 g
UNIT DIMENSIONS:	3.15"(L) x 0.87"(W) x 0.15"(H) 8 cm (L) x 2.2 cm (W) x 0.38 cm (H)
PACKAGING TYPE:	Hang Card
PACKAGING WEIGHT:	0.04 lbs / 22 g
PACKAGING DIMENSIONS:	0.26"(L) x 3.94"(W) x 5.2"(H) 0.66 cm (L) x 13 cm (W) x 10 cm (H)
MASTER CARTON WEIGHT:	22 lbs / 10 kg
MASTER CARTON DIMENSIONS:	11.81"(L) x 22.64"(W) x 12.2"(H) 30 cm (L) x 57.5 cm (W) x 31 cm (H)
UNITS PER INNER CARTON:	50
UNITS PER MASTER CARTON:	500

FEATURES:

- Latest PCIe Gen3 controller
- 2280 M.2 PCIe Gen3 x 4, NVMe 1.3
- Thermal throttling technology
- S.M.A.R.T health info supported
- TRIM commend supported
- O/S Supported: Windows® 7*/8.0*/8.1/10/11
- *May require driver

SPECIFICATIONS:

- Operating Temperature: 0 ~ 70°C
- Sequential Read (CDM): up to 3000MB/s
- Sequential Write (CDM): up to 2200MB/s
- Terrabytes Written (TBW): up to 240TB

For technical support, email us at:
SUPPORT@PATRIOTMEM.COM

MEMORY STORAGE