



# VPN100 M.2 2280 PCIe SSD 512GB

Viper Gaming's VPN100 delivers the perfect combination across ultimate performances, ultra-fast speeds, and multi-tasking capabilities. 5x faster than SATA SSDs, VPN100 is the best-in-class reliability SSD for gamers, tech enthusiasts, content creators, and video rendering professionals looking into blazingly fast start up times and instantaneous access to their data for better productivity.



Viper VPN100 m.2 SSD is designed with an External Thermal Sensor which diminishes risk of overheating and eliminates performance drops, as well as includes built-in aluminum heatshield and 6 thermal fins providing excellent thermal dissipation. VPN100 delivers superior performance and maximum reliability, becoming the best solution for all-in-one PC kits, small form-factor, or high-performance gaming PC builds.

Backed by Patriot's award winning build quality and 3-year warranty; the Patriot VPN100 delivers one of the most reliable choices in performance class SSDs.

## PRODUCT INFORMATION

|                                  |   |
|----------------------------------|---|
| <b>PRODUCT NAME:</b>             | VPN100 M.2 series   |
| <b>PATRIOT PART NUMBER:</b>      | VPN100-512GM28H   |
| <b>DESCRIPTION:</b>              | VPN100 M.2 2280 PCIe SSD  |
| <b>CERTIFICATIONS/SAFETY:</b>    | CE / FCC / RoHS   |
| <b>PRODUCT WARRANTY:</b>         | 3 Year Warranty   |
| <b>UNIT UPC:</b>                 | 814914025277  |
| <b>UNIT WEIGHT:</b>              | 0.05 lbs/ 25 gm   |
| <b>UNIT DIMENSIONS:</b>          | 3.15" (L) x 0.87" (W) x 0.48" (H)<br>8.0 cm (L) x 2.2 cm (W) x 1.2 cm (H)   |
| <b>PACKAGING TYPE:</b>           | Retail Box  |
| <b>PACKAGING WEIGHT:</b>         | 0.09 lbs / 45 gm  |
| <b>PACKAGING DIMENSIONS:</b>     | 1.0" (L) x 2.98"(W) x 4.83" (H)<br>2.5 cm (L) x 7.6 cm (W) x 12.3 cm (H)    |
| <b>MASTER CARTON WEIGHT:</b>     | 5.95 lbs / 2700 gm  |
| <b>MASTER CARTON DIMENSIONS:</b> | 12.00" (L) x 11.4"(W) x 12.4" (H)<br>30.5 cm (L) x 29.0 cm(W) x 31.5 cm (H) |
| <b>UNITS PER INNER CARTON:</b>   | 10  |
| <b>UNITS PER MASTER CARTON:</b>  | 60  |

## FEATURES:

- Phison E12 Controller
  - 2280 M.2 PCIe Gen3 x 4, NVMe 1.3
  - DRAM Cache: 512MB
  - External Thermal sensor
  - Heatshield design
  - Extreme high performance
  - Operating Temperature - 0° ~ 70°C
  - TBW: 800TB
  - 4K Aligned Random Read: up to 700K IOPs
  - 4K Aligned Random Write: up to 480K IOPs
  - Sequential Read (ATTO): up to 3,300MB/s
  - Sequential Write (ATTO): up to 2,200MB/s
  - Sequential Read (CDM): up to 3,300MB/s
  - Sequential Write (CDM): up to 2,200MB/s
  - O/S Supported: Windows® 7\*/8.0\*/8.1/10
- \*May require driver

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

# MEMORY STORAGE