



## Patriot P310 960GB M.2 2280

### PCIe Gen3 x 4 Solid State Drive

Built with the latest PCIe m.2 Gen3x 4, NVMe 1.3, Patriot's P310 solid state drive, offers 25% higher transfer speeds and IOPs than standard PCIe 3x 2 solutions. The P310 m.2 SSD provides great improvements to start-up, loading, and transfer times over traditional hard disk drives. The P310's advanced firmware offers SmartECC technology, thermal throttling, and end-to-end data path protection to ensure data integrity, durability, and reliability for everyday tasks. With its compact m.2 form factor and designed for easy installation, the P310 SSD precisely fits into any PC or laptop, while its low power consumption helps extend battery life.



Elevate your computer's performance with the P310 SSD to experience quick application loading times for a better overall flawless productivity while transferring various applications without lag. Compatible operating systems supported by Windows® 7\*/8.0\*/8.1/10 \*May require driver. Backed by our 3-year warranty, Patriot's P310 delivers one of the most reliable solid state drives in performance!

## PRODUCT INFORMATION

<b>PATRIOT INV. NUMBER:</b>	P310P960GM28
<b>DESCRIPTION:</b>	Patriot P310 960GB M.2 2280 PCIe SSD
<b>CERTIFICATIONS/SAFETY:</b>	CE/FCC/RoHS
<b>PRODUCT WARRANTY:</b>	3 Year Warranty
<b>UNIT EAN/UPC:</b>	0814914029053
<b>UNIT WEIGHT:</b>	0.01 lbs/ 9 gm
<b>UNIT DIMENSIONS:</b>	3.15" (L) x 0.87" (W) x 0.15" (H) 8 cm(L) x 2.2 cm(W) x 0.38 cm(H)
<b>PACKAGING TYPE:</b>	Hang Card
<b>PACKAGING WEIGHT:</b>	0.04 lbs/ 20 gm
<b>PACKAGING DIMENSIONS:</b>	0.26" (L) x 5.15"(W) x 3.92" (H) 0.66 cm(L) x 13.08 cm(W) x 9.96 cm(H)
<b>MASTER CARTON WEIGHT:</b>	22 lbs/10 Kg
<b>MASTER CARTON DIMENSIONS:</b>	18" (L) x 14.84"(W) x 12.05" (H) 45.8 cm (L) x 37.7 cm(W) x 30.6 cm (H)
<b>UNITS PER INNER CARTON:</b>	50
<b>UNITS PER MASTER CARTON:</b>	400

## FEATURES:

- Built with the latest PCIe 3 x 4 controller
  - 2280 M.2 PCIe Gen3 x 4, NVMe 1.3
  - End to end data path protection
  - SmartECC technology
  - Thermal throttling technology
  - Operating Temperature: 0 ~ 70°C
  - Power Consumption: Full: 2.38W Idle: 0.38W
  - TBW: 480TB
  - 4K Aligned Random Read: up to 280K IOPs
  - 4K Aligned Random Write: up to 250K IOPs
  - Sequential Read (ATTO): up to 2,100MB/s
  - Sequential Write (ATTO): up to 1,800MB/s
  - Sequential Read (CDM): up to 2,100MB/s
  - Sequential Write (CDM): up to 1,800MB/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