



The Patriot Torch SE Solid State Drive (SSD) is the perfect solution for those looking to increase the performance and storage space of their system. Available in capacities of 128GB, 256GB and 512GB, the Torch SE SSD fits the needs of everyday users looking to eliminate load times versus traditional magnetic rotating HDDs.

Built with a SATAIII 6Gbps interface that is backwards compatible with SATAII 3Gbps, the Torch SE SSD has sequential read speeds of up to 560MB/s and sequential write speeds up to 540MB/s. Measured at 7mm high in a 2.5" form factor the Torch SE fits neatly into any notebook or desktop PC.

Utilizing a DRAM-less design, the Torch SE SSD has many advantages including lower power consumption and increased data reliability. Additionally, the Torch SE features include static and dynamic wear leveling, bad block management, low power management, trim support, and SmartZip™. The Patriot Torch SE is compatible with Windows® 10, Windows® 8.1, Windows® 7, XP, Windows Vista®, Mac OS X, and Linux systems and backed by Patriot's award winning build quality and 3-year warranty to deliver one of the most reliable choices in SSDs.

PRODUCT INFORMATION

Product Name	Torch SE
Patriot Part #	PTS128GS25SSDR (128GB) PTS256GS25SSDR (256GB) PTS512GS25SSDR (512GB)
Description	Torch SE 2.5" SATA SSD Drive
Certifications / Safety	CE/FCC/RoHS
Product Warranty	3 Year warranty
Unit Dimensions	3.94" (L) x 2.75" (W) x 0.28" (H) 100mm (L) x 69.85mm (W) x 7mm (H)
Unit UPC	0814914022443 (128GB) 0814914022450 (256GB) 0814914022467 (512GB)
Packaging Type	Clamshell
Packaging Dimensions	0.75" (L) x 4.75" (W) x 6" (H) 137.7mm (L) x 167.6mm (W) x 32.1mm (H)
Net Weight	0.10 lbs / 48 gm
Inner Carton Dimensions	9.25" (L) x 5" (W) X 6.5" (H) 535mm (L) x 296mm (W) x 315mm (H)
Master Carton Dimensions	16" (L) x 12" (W) X 16" (H) 535mm (L) x 296mm (W) x 315mm (H)
Gross Weight	0.17 lbs / 77.1 gm
Units per Inner Carton	15
Units per Master Carton	90

FEATURES

- Phison S11 Series Controller
- Integrated 32MB SDRAM on controller
- SATAIII 6Gbps/SATAII 3Gbps
- TRIM support (O/S dependent)
- SmartZip™
- Static and dynamic wear leveling
- Bad block management
- Low power management
- Operating Temperature - 0° ~ 70°C
- ECC Recovery: LDPC (Low Density Parity Check)
- MTBF: 2,000,000 hours
- 4K Aligned Random Read: 128GB/256GB = 80K IOPs | 512GB = 82K IOPs
- 4K Aligned Random Write: 128GB = 49K IOPs | 256GB = 67K IOPs
512GB = 75K IOPs
- Sequential Read & Write Transfer: Up to 560MB/s Read
128GB: Up to 555MB/s Read | Up to 500MB/s Write
256GB: Up to 555MB/s Read | Up to 500MB/s Write
512GB: Up to 560MB/s Read | Up to 540MB/s Write
*Based on ATTO
- O/S Support: Windows® 10 / 8.1 / 7 / XP / Vista / Mac® OS / Linux

FREE TECHNICAL SUPPORT:

Contact Technical Support for more information directly at support@patriotmem.com or visit our website at www.patriotmemory.com

WHERE TO BUY:

Please visit our website at www.patriotmemory.com