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ADATA SMAR-980B-4TCS XPG MARS 980 Blade 4TB (NVMe 2.0 |

SKU / Model: SMAR-980B-4TCS

Product overview

? Product Name ADATA XPG MARS 980 Blade 4TB PCIe Gen5 x4 NVMe 2.0 M.2 2280 SSD (SMAR-980B-4TCS | DRAM Cache | Heatsink) ? Product Overview The XPG MARS 980 Blade 4TB SSD is a flagship PCIe Gen5 drive engineered for gamers, creators, and professionals requiring extreme performance. Powered by the Silicon Motion SM2508 controller and 232-layer TLC NAND, it delivers sequential read speeds up to 14,000MB/s and write speeds up to 13,000MB/s. With DRAM cache, pseudo-SLC caching, and a slim heatsink design, it ensures sustained throughput for AI workloads, 3D rendering, and next-gen gaming platforms including PS5 expansion. ? Top Highlights ? PCIe Gen5 x4 Interface Up to 14,000MB/s read speeds ? NVMe 2.0 Protocol Optimized efficiency for next-gen workloads ? DRAM Cache + SLC Caching Stable performance under heavy loads ? Low-Profile Heatsink Effective cooling without bulk ? PS5 Compatible Expands console storage with ultra-fast performance ? Technical Details Specification Details Model Number SMAR-980B-4TCS Capacity 4TB Form Factor M.2 2280 Interface PCIe Gen5 x4, NVMe 2.0 Controller Silicon Motion SM2508 NAND Flash 232-layer 3D TLC NAND (Micron) Cache DRAM Cache + Pseudo-SLC Cache Sequential Read Up to 14,000 MB/s (PC/Laptop) Sequential Write Up to 13,000 MB/s (PC/Laptop) Random 4K Read Up to 2,000K IOPS Random 4K Write Up to 1,650K IOPS Operating Temperature 0℃ 70℃ Storage Temperature -40℃ 85℃ Shock Resistance 1500G / 0.5ms MTBF 2,000,000 hours TBW 2,960TB Dimensions 80 x 22 x 4.5mm (with heatsink) Weight 12g (with heatsink) Warranty 5 Years (Manufacturer) ? Why You Should Buy It ? Extreme PCIe Gen5 performance for gaming and AI workloads ? Large 4TB capacity for professional content creators ? DRAM cache ensures stable, high-speed performance ? Backed by a 5-year manufacturer warranty ? Recommended Use Cases ? Next-gen gaming with ultra-fast load times ? Professional video editing and 3D rendering ? AI and machine learning workloads ? Expanding PlayStation 5 storage with Gen5 compatibility ? Customer Assurance ? Warranty / Guarantee: 5-year manufacturer coverage ? Returns Policy: Returns accepted as per reseller terms ? Shipping Info: Secure delivery with tracking support ? Customer Support: Assistance available via official ADATA/XPG channels and authorized resellers ? Call to Action Upgrade to the XPG MARS 980 Blade 4TB SSD and harness PCIe Gen5 speeds for the future of computing. Thanks for choosing YOUR TRUSTED IT PARTNER.

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