SP

SPEED

2800 MB/s 2800 MB/s 3000 MB/s 3100 MB/s 3200 MB/s 3300 MB/s

Accelerate Your Life

A Well-Balanced PCIe Gen3x4 For All

The UD80 strikes a perfect harmony between cost and performance to breathe new life into your system without burning a hole in your pocket. Designed for creators that need more than just a jolt of inspiration, the UD80 provides exceptional value and a performance boost with a PCIe Gen3x4 interface – a boost that leaves SATA III SSDs behind in the dust!

Create Faster With Reduced Waiting Times

The UD80 utilizes the speed capabilities of PCIe 3.0 with the efficiency of NVMe and Host Memory Buffer (HMB) technology. Let your creative juices flow with rapid read and write speeds up to 3,400MB/s and 3,000MB/s, respectively. At the same time, experience seamless productivity via the higher performance and lower latency that's achieved by NVMe 1.4 and HMB technology.

UD80
PCIe SSD Gen 3x4 & NVMe 1.4

250GB | 500GB | 1TB | 2TB

Features

- PCIe Gen 3x4 interface with read speeds up to 3,400MB/s and write speeds up to 3,000MB/s
- Supports NVMe 1.4 and Host Memory Buffer (HMB) for higher performance and lower latency
- 3D NAND technology allows for dense storage in a compact design
- Available in massive storage capacity options up to 2TB
- Supports low density parity check (LDPC) coding to ensure accuracy of data transmission and reliability of data access
- Supports SLC Caching to improve sequential read/write and random read/write performance
- Supports RAID to protect data in the case of a drive failure
- Built-in E2E data protection for enhanced data transfer integrity
- Small form factor M.2 2280 (80mm) allows for easy installation in laptops, small form factor PC systems, and some ultrabooks

Specifications

- Dimensions: 22.0mm x 80.0mm x 3.5mm
- Weight: 8g
- Performance Read (max.): up to 3,400MB/s*
- Performance Write (max.): up to 3,000MB/s*
- Interface: PCIe Gen 3x4
- Shock Resistance: 1500g/0.5ms
- MTBF: 1,500,000 hours
- Operating Temperature: 0℃ - 70℃
- Certification: CE, FCC, UKCA, BSMI, Green dot, WEEE, RoHS, KC
- Warranty: 5-year limited warranty
- System Requirements: Computer with M.2 slots supporting PCIe interface and an OS with NVMe support

*Performance read/write varies by system performance (such as hardware, software, and interface mode) and capacity