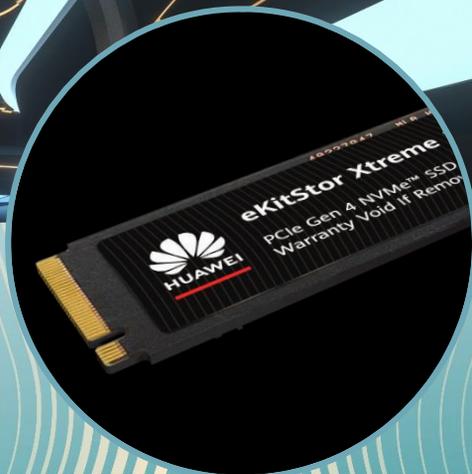


HUAWEI eKitStor Xtreme 200E M.2 NVMe SSD



Key Benefits and Features

- Superb performance: up to 7,000 MB/s sequential read performance (1 TB model)
- Resilient, durable design: up to 400 TBW lifespan (1 TB model)
- Leading protocols: NVMe 2.0 and PCIe 4.0 x4
- Wide compatibility: mainstream PCs, laptops, and other devices

HUAWEI eKitStor Xtreme 200E M.2 NVMe SSD



Technical Specifications

DATA SHEET

| | | | |
|-------------------------------------|--|----------------------------|------------|
| Model | eKitStor Xtreme 200E | | |
| Form Factor | M.2 2280 | | |
| Interface | PCIe Gen 4.0 x4, NVMe 2.0 | | |
| Feature | <ul style="list-style-type: none"> • PCIe Gen 4 interface with up to 4 lanes • Compliant with NVMe Revision 2.0 • Support for Host Memory Buffer (HMB), S.M.A.R.T | | |
| Capacity | Nominal Capacity | 512GB | 1TB |
| Performance | Sequential Read (Max. MB/s) | 6,600 | 7,000 |
| | Sequential Write (Max. MB/s) | 3,400 | 6,500 |
| | Random Read 4K (Max. IOPS) | 500K | 900K |
| | Random Write 4K (Max. IOPS) | 800K | 1,000K |
| Power Consumption | Active (Max. RMS) - Read | 5.50 W | 5.50 W |
| | Active (Max. RMS) - Write | 4.50 W | 4.50 W |
| | L1.2 | 3 mW | |
| Reliability | Mean Time Between Failures (MTBF) | 1,500,000 hours | |
| Endurance | Total Bytes Written (TBW) | 200 | 400 |
| Environmental Specifications | Temperature (Operating) | 0°C to 70°C | |
| | Temperature (Non-operating) | -40°C to 85°C | |
| | Humidity | 5% to 95%, non-condensing | |
| | Vibration (Non-operating) | 20~2000Hz, 20G | |
| | Shock (Non-operating) | 1,500 G @ 0.5 ms half sine | |
| Mechanical Specifications | Height (mm) | Max. 2.70 | |
| | Width (mm) | 22.00±0.15 | |
| | Length (mm) | 80.00±0.15 | |
| | Weight (g) | Max. 8 | |
| Certification | RoHS, CE, WEEE, VCCI, and KC | | |
| Notes | <ol style="list-style-type: none"> 1 GB = 1 billion bytes; 1 TB = 1 trillion bytes Actual user capacity may be less depending on the operating system. 1 MB/s = 1 million bytes per second. Test conditions: Performance tests are based on the CrystalDiskMark 7.0.0 benchmark using Intel Ultra 7 16-core processor, 32 GB memory, and Windows 11 x64 operating system. Based on internal testing, performance may vary depending on the host device, usage conditions, disk capacity, and other factors. | | |