

Enterprise M2DISK SSD

Product features:

- PCIe Gen4x4
- Surprise insertion / surprise removal (SISR) and hot- plug capable (U.2/E1.S support)
- Advanced LDPC error correction
- Global static and dynamic wear leveling
- Controller: Marvell 88SS1321
- DRAM: DDR4
- Flash: 3D TLC
- UBER: <1 sector per 10¹⁷ bits read
- MTBF: 2.0 million hours
- Mechanical form factor: 80 mm x 22 mm x 3.8 mm

Detailed specifications

Edition	PCIe Gen4x4				
Capacity	960 GB	1920 GB	3840 GB	7680 GB	15360 GB
PN	S960GP401	S1T92P401	S3T84P401	S7T68P401	S15T3P401
Parameter					
Sequential Read (128KB)	3,075 MB/s	3,185 MB/s	3,200 MB/s	3,000 MB/s	2,380 MB/s
Sequential write (128KB)	1,815 MB/s	3,000 MB/s	3,010 MB/s	3,010 MB/s	2,545 MB/s
Random read (4KB)	371,000 IOPS	276,000 IOPS	346,000 IOPS	351,000 IOPS	289,000 IOPS
Random write (4KB)	31,000 IOPS	41,000 IOPS	61,000 IOPS	52,000 IOPS	20,000 IOPS
TWB	1,040 TB	2,080 TB	4,160 TB	8,320 TB	16,640 TB
Operating temperature	0–70 °C				
Storage temperature	-40–85 °C				
Power supply voltage range	3.3 V ± 5%				
MTBF	2,000,000 hours				
UBER	<1 sector per 10 ¹⁷				
DWPD	1				