

Samsung PM1725a Half-Height/Half-Length (HH/HL) 6.4 TB PCI Express 3.0 NVMe



Brand : Samsung

Product code: MZPLL6T4HMLS-00003

Product name : PM1725a

6.4TB, HHHL, PCI Express 3.0 (x8), Memory type - V-NAND, 330 g
 Samsung PM1725a. SSD capacity: 6.4 TB, SSD form factor: Half-Height/Half-Length (HH/HL), Component for: Server/workstation



| Features | | Power | |
|-------------------------------------|------------------------------------|---------------------------------|-----------|
| NVMe version | 1.2 | Power consumption (idle) | 7.7 W |
| SSD form factor * | Half-Height/Half-Length (HH/HL) | Operational conditions | |
| SSD capacity * | 6.4 TB | Operating temperature (T-T) | 0 - 70 °C |
| Interface * | PCI Express 3.0 | Storage relative humidity (H-H) | 5 - 95% |
| NVMe * | ✓ | Operating shock | 1500 G |
| Component for * | Server/workstation | Weight & dimensions | |
| Random read (4KB) | 1000000 IOPS | Width | 69.9 mm |
| Random write (4KB) | 180000 IOPS | Depth | 167.7 mm |
| Read latency | 90 µs | Height | 18.7 mm |
| Write latency | 20 µs | Weight | 330 g |
| PCI Express interface data lanes | x8 | Other features | |
| PCI Express CEM revision | 2.0 | Product colour | Black |
| Uncorrectable Bit Error Rate (UBER) | < 1 per 10 ¹⁷ bits read | NAND controller | V-NAND |
| Mean time between failures (MTBF) | 2000000 h | Sequential read/write | ✓ |
| | | SSD endurance rating | 5 DWPD |



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