



Kingston Technology DC600M 7,68 TB 2.5" Jada ATA III 3D TLC NAND

Brand : Kingston Technology

Product code: SEDC600M/7680G

Product name : DC600M



Kingston Technology DC600M. Pooljuhtketta maht: 7,68 TB, SSD-ketta mõõtmed: 2.5", Lugemise kiirus: 560 MB/s, Kirjutamise kiirus: 530 MB/s, Andmeedastuskiirus: 6 Gbit/s, Komponent: Server/tööjaam

| Features | | Power | |
|-----------------------------------|--------------------|----------------------------------|---------------|
| SSD capacity * | 7.68 TB | Power consumption (idle) | 1.3 W |
| SSD form factor * | 2.5" | Weight & dimensions | |
| Interface * | Serial ATA III | Width | 69.8 mm |
| Memory type * | 3D TLC NAND | Depth | 100.1 mm |
| Component for * | Server/workstation | Height | 7 mm |
| Hardware encryption * | ✗ | Weight | 71 g |
| Target workload | Mixed Use (MU) | Packaging data | |
| Data transfer rate | 6 Gbit/s | Package width | 129.5 mm |
| Read speed | 560 MB/s | Package depth | 9.14 mm |
| Write speed | 530 MB/s | Package height | 184.2 mm |
| Random read (4KB) | 94000 IOPS | Package weight | 93.2 g |
| Random write (4KB) | 34000 IOPS | Operational conditions | |
| Read latency | 200 µs | Operating temperature (T-T) | 0 - 70 °C |
| Write latency | 30 µs | Storage temperature (T-T) | -40 - 85 °C |
| Hot-Plug support | ✓ | Operating vibration | 2.17 G |
| H/W PLP function | ✓ | Non-operating vibration | 20 G |
| Mean time between failures (MTBF) | 2000000 h | Logistics data | |
| TBW rating | 14016 | Country of origin | China, Taiwan |
| Use conditions | Server/Enterprise | Master (outer) case width | 135.9 mm |
| Power | | Master (outer) case length | 203.2 mm |
| Power consumption (read) | 1.6 W | Master (outer) case height | 69.8 mm |
| Power consumption (write) | 3.6 W | Master (outer) case gross weight | 1.01 kg |
| Power consumption (average) | 1.45 W | Products per master (outer) case | 10 pc(s) |



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