



Kingston Technology 512G KC3000 M.2 2280 NVMe SSD

Merk : Kingston Technology

Artikelcode: SKC3000S/512G

Productnaam : 512G KC3000 M.2 2280 NVMe SSD



- PCIe 4.0 NVMe met hoge prestaties
- Upgrade met volledige capaciteiten tot 4096GB**
- Compacte M.2 2280-vormfactor
- Low profile grafeen-aluminium warmtegeleider

512G KC3000 M.2 2280 NVMe SSD

Kingston Technology 512G KC3000 M.2 2280 NVMe SSD. SSD capaciteit: 512 GB, SSD-vormfactor: M.2, Leessnelheid: 7000 MB/s, Schrijfsnelheid: 3900 MB/s, Component voor: PC/Laptop



| Features | | Weight & dimensions | |
|-----------------------------------|-------------------|----------------------------------|---------------|
| SSD capacity * | 512 GB | Depth | 22 mm |
| SSD form factor * | M.2 | Height | 2.21 mm |
| Interface * | PCI Express 4.0 | Weight | 7 g |
| NVMe * | ✓ | Packaging data | |
| Memory type * | 3D TLC | Package width | 129.5 mm |
| Component for * | PC/Laptop | Package depth | 8.4 mm |
| M.2 SSD size | 2280 (22 x 80 mm) | Package height | 184.2 mm |
| Read speed | 7000 MB/s | Package weight | 31.3 g |
| Write speed | 3900 MB/s | Operational conditions | |
| Random read (4KB) | 450000 IOPS | Operating temperature (T-T) | 0 - 70 °C |
| Random write (4KB) | 900000 IOPS | Storage temperature (T-T) | -40 - 85 °C |
| Controller type | Phison E18 | Other features | |
| Mean time between failures (MTBF) | 1800000 h | Cooling type | Heatsink |
| TBW rating | 400 | Logistics data | |
| Power | | Country of origin | China, Taiwan |
| Power consumption (read) | 2.7 W | Master (outer) case width | 135.9 mm |
| Power consumption (write) | 4.1 W | Master (outer) case length | 203.2 mm |
| Power consumption (average) | 0.34 W | Harmonized System (HS) code | 84717070 |
| Power consumption (idle) | 0.005 W | Master (outer) case height | 69.9 mm |
| Weight & dimensions | | Master (outer) case gross weight | 391.3 g |
| Width | 80 mm | Products per master (outer) case | 10 pc(s) |



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