



Kingston Technology DC2000B 960 GB M.2 PCI Express 4.0 NVMe 3D TLC

Marca : Kingston Technology

Código del producto:  
SEDC2000BM8/960G

Nombre del producto : 960G DC2000B PCIe 4.0 M.2 2280 Enterprise SSD

- Rendimiento de NVMe PCIe 4.0 Gen 4x4
- Protección contra pérdidas de alimentación basada en hardware
- Homogeneidad de latencia y de IOPS
- Diseñado para entornos de centros de datos

960G DC2000B PCIe 4.0 M.2 2280 Enterprise SSD

Kingston Technology DC2000B. SDD, capacidad: 960 GB, Factor de formato SSD: M.2, Velocidad de lectura: 7000 MB/s, Velocidad de escritura: 1300 MB/s, Componente para: Servidor



| Features                          |                   | Power                                    |               |
|-----------------------------------|-------------------|------------------------------------------|---------------|
| SSD capacity *                    | 960 GB            | Average power consumption (write) 7.36 W |               |
| SSD form factor *                 | M.2               | Weight & dimensions                      |               |
| Interface *                       | PCI Express 4.0   | Width                                    | 22 mm         |
| NVMe *                            | ✓                 | Depth                                    | 80 mm         |
| Memory type *                     | 3D TLC            | Height                                   | 8.9 mm        |
| Component for *                   | Server            | Weight                                   | 11 g          |
| M.2 SSD size                      | 2280 (22 x 80 mm) | Packaging data                           |               |
| Read speed                        | 7000 MB/s         | Package width                            | 129.5 mm      |
| Write speed                       | 1300 MB/s         | Package depth                            | 14.2 mm       |
| Random read (4KB)                 | 540000 IOPS       | Package height                           | 184.2 mm      |
| Random write (4KB)                | 47000 IOPS        | Package weight                           | 35.77 g       |
| Read latency                      | 70 µs             | Operational conditions                   |               |
| Write latency                     | 20 µs             | Operating temperature (T-T)              | 0 - 70 °C     |
| PCI Express interface data lanes  | x4                | Storage temperature (T-T)                | -40 - 85 °C   |
| S.M.A.R.T. support                | ✓                 | Non-operating vibration                  | 20 G          |
| H/W PLP function                  | ✓                 | Other features                           |               |
| Mean time between failures (MTBF) | 2000000 h         | Cooling type                             | Heatsink      |
| Drive writes per day (DWPD)       | 0.4               | Logistics data                           |               |
| TBW rating                        | 700               | Country of origin                        | China, Taiwan |
| Power                             |                   | Master (outer) case width                | 135.9 mm      |
| Power consumption (read)          | 3.36 W            | Master (outer) case length               | 203.2 mm      |
| Power consumption (write)         | 7.8 W             | Master (outer) case height               | 69.8 mm       |
| Average power consumption (read)  | 3.26 W            | Master (outer) case gross weight         | 292.62 g      |
|                                   |                   | Products per master (outer) case         | 6 pc(s)       |



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