CSSi SA - "Securing Tomorrow, Today"
Waterfall Office Park, 28 Augrabies Rd Vorna Valley, Midrand, 1685
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SSD MICRON SSD series 7450 PRO 3.84TB PCIE NVMe NAND flash technology TLC Write speed 5300 MBytes/sec Read speed 6800 MBytes/sec Form Factor U.3 TBW 7000 TB MTFDKCB3T8TFR-1BC1ZABYYR

Model: MTFDKCB3T8TFR-1BC1ZABYYR

Manufacturer: MICRON

EAN: 649528925664

Product Code: 23654

R63,802

The Micron 7450 SSD with NVMe™ is the world’s most advanced 176-layer NAND data center SSD, delivering exceptional latency and PCIe Gen4 with extensive deployment options.

World’s Most Advanced NAND in a Data Center SSD

The Micron 7450 SSD enables flexible cloud and data center designs to support a wide variety of workloads.

The 7450 SSD is built on Micron’s state-of-the-art, 176-layer NAND. Available in the broadest range of PCIe® Gen4 SSD form factors enabling you to use the Micron 7450 for all major platform functions (boot, cache and main data storage). The Micron 7450 SSD consistently delivers 2ms and lower latency for 99.9999% QoS1 and offers next-generation security features such as Micron’s unique Secure Execution Environment.2 It is designed for high-capacity SSD needs and includes a PCIe Gen4 M.2 22x80mm with power-loss protection model — specifically designed for server boot use.

Improves Storage Performance Across Data Center Workloads

The Micron 7450 SSD utilizes Micron's innovative 176-layer NAND, which combines the highest layer count with Micron CMOS-under-array technology and PCIe Gen4 to provide industry-leading performance,3 enabling faster booting and improved application responsiveness.

Enables Rapid, Reliable and Responsive Data Center Workloads

The Micron 7450 SSD consistently delivers 2ms and lower latency for 99.9999% QoS4 improving performance in databases such as Microsoft SQL Server, Oracle, MySQL, RocksDB, Cassandra and Aerospike.5

Supports a Wide Variety of Data Centers - Reducing Qualification Time, Cost and Complexity

Capacities range from 400GB to 15.36TB5— including an industry-leading 8TB E1.@ capacity and a new 15.36TB capacity. It has the industry’s broadest variety of form factors to meet evolving power and thermal needs — U.3, M.2, E1.S — including the only PCIe Gen4 U.3 SSD with both 15mm and 7mm thicknesses available.

Summary: Micron 7450 PRO. SSD capacity: 3.84 TB, SSD form factor: U.3, Component for: Server/workstation | Vendor Homepage: https://www.micron.com/products/ssd/product-lines/7450 |

Component for: Server/workstation | Hardware encryption: Yes | Interface: PCI Express 4.0 | Memory type: 3D TLC NAND | NVMe: Yes | NVMe version: 1.4 | PCI Express interface data lanes: x4 | Random read (4KB): 1000000 | Random write (4KB): 180000 | Read latency: 80 | SSD capacity: 3840 | SSD form factor: U.3 | Target workload: Read Intensive (RI) | Uncorrectable Bit Error Rate (UBER): 1 per 10^17 bits read | Write latency: 15 | Operating temperature (T-T): 0 - 70 | SSD series: 7450 PRO | Units per Shipping Box: 1 | Unit Calculated Volume: 0.000195 | Unit Calculated Weight: 0.09