



SSD MICRON
SSD series 7450
PRO 960GB PCIe
Gen4 NVMe
NAND flash
technology TLC
Write speed
1400 MBytes/sec
Read speed
6800 MBytes/sec
Form Factor U.3
TBW 28000 TB
MTFDKCB960TFR-
1BC1ZABYYR

Model: MTFDKCB960TFR-1BC1ZABYYR

Manufacturer: MICRON

EAN: 649528926104

Product Code: 333205

R22,754

The product information provided is for reference purposes only. Technical specifications, photos, descriptions and prices may change without prior notice. The manufacturer and seller are not responsible for possible data discrepancies or typographical errors. We recommend checking the current information before purchasing.

shop.cssi.co.za | sales@cssi.co.za | +27 (11)541-9950

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: 960 GB, SSD form factor: U.3, Component for:

Server/workstation | Vendor Homepage: <https://www.micron.com/products/ssd/product-lines/7450> |

The product information provided is for reference purposes only. Technical specifications, photos, descriptions and prices may change without prior notice. The manufacturer and seller are not responsible for possible data discrepancies or typographical errors. We recommend checking the current information before purchasing.

shop.cssi.co.za | sales@cssi.co.za | +27 (11)541-9950

SSD capacity: 960 | SSD form factor: U.3 | Interface: PCI Express 4.0 | NVMe: Yes | NVMe version: 1.4
| Memory type: 3D TLC NAND | Component for: Server/workstation | Hardware encryption: Yes |
Target workload: Read Intensive (RI) | Random read (4KB): 530000 | Random write (4KB): 85000 |
Read latency: 80 | Write latency: 15 | PCI Express interface data lanes: x4 | Uncorrectable Bit Error
Rate (UBER): < 1 per 10¹⁷ bits read | Operating temperature (T-T): 0 - 70 | Unit Calculated Weight:
0.09 | Product Net Weight: 0.015 | Unit Calculated Volume: 0.0002025 | Units per Shipping Box: 1 |
Unit Width: 10 | Shipping Box Height: 1.5 | Unit Depth: 13.5 | Unit Height: 1.5 | Name: SSD PCIE G4
U.3 NVME 960GB/7450 PRO MTFDKCB960TFR MICRON | SSD series: 7450 PRO

The product information provided is for reference purposes only. Technical specifications, photos, descriptions and prices may change without prior notice. The manufacturer and seller are not responsible for possible data discrepancies or typographical errors. We recommend checking the current information before purchasing.

shop.cssi.co.za | sales@cssi.co.za | +27 (11)541-9950