



SSD MICRON 7600 PRO 3000 GB NAND flash type TLC (Triple Level Cell) MTFDLAL3T8THG- 1BP1DFCYR



Model: MTFDLAL3T8THG-1BP1DFCYR

Manufacturer: MICRON

Product Code: 550397

R14,148

Micron 7600 SSD: The PCIe® Gen5 SSD with leading quality of service for AI and mainstream data center workloads

Imagine a world where your data center operations are performant, efficient, exceptionally responsive, and secure. The Micron 7600 SSD is designed to transform this vision into reality.

Class-leading PCIe Gen5 performance and power efficiency

The Micron 7600 SSD delivers fast access across a broad range of mainstream workloads with power efficiency that helps reduce power consumption, contributing to a more sustainable data center.

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.

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Exceptional workload responsiveness with best-in-class QoS and low latency

Low and consistent latency delivers fast and predictable workload responsiveness. The Micron 7600 SSD demonstrates significantly lower and more consistent latency than other SSDs in its class.

Deploy with confidence: Micron innovation and leading Micron G9 NAND

The Micron 7600 SSD is the world's first mainstream, data center SSD to use Micron G9 NAND. Its vertically integrated architecture, including Micron DRAM, NAND, controller, and firmware, helps simplify qualification across multiple SSDs.

Superior performance and power efficiency for mainstream workloads

The Micron 7600 SSD enables class-leading performance for AI, databases, content delivery, real-time analytics, social media, cloud computing, and virtualization.

Low, consistent latency enables fast and predictable response times

The Micron 7600 SSD is the leader in low, consistent latency. Latency-sensitive applications show up to 59% better latency consistency when reading data, and up to 76% better with mixed read and write.

Leading-edge Micron technology and security

The Micron 7600 is the world's first mainstream data center SSD to use Micron G9 NAND, with an industry-leading NAND transfer speed of 3.6 GB/s.

The Micron 7600 SSD incorporates leading security features like hardware root of trust, securely signed firmware, and SPDM 1.2 (attestation) for identity authentication & firmware verification. It offers options for FIPS 140-3 Level 2 and TAA compliance. Selfencrypting drive (SED) option helps keep your data safe by adding AES-256 encryption for hardware-based data encryption, with no loss of SSD performance.

Summary: Micron 7600 PRO. SSD capacity: 3.84 TB, SSD form factor: U.2, Component for:

Server/workstation | Vendor Homepage: <https://www.micron.com/search->

results?searchRequest=MTFDLBQ12T8THS&activeTab=search-products | SSD capacity: 3840 | SSD

form factor: U.2 | Interface: PCI Express 5.0 | NVMe: Yes | NVMe version: 2.0 | Memory type: 3D TLC

NAND | Component for: Server/workstation | Hardware encryption: Yes | Random read (4KB): 2100 |

Random write (4KB): 300 | Read latency: 75 | Write latency: 15 | Uncorrectable Bit Error Rate (UBER):

< 1 per 10¹⁷ bits read | Average power consumption (read): 14 | Average power consumption

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(write): 14 | Quick start guide: Yes | Operating temperature (T-T): 0 - 70 | Compliance certificates: BSMI/China RoHS/RoHS | Warranty period: 5 | Unit Calculated Weight: 0.2 | Product Net Weight: 0.1 | Unit Calculated Volume: 0.000105 | Units per Shipping Box: 1 | Name: SSD PCIE G5 U.2 NVME 3.84TB/7600 PRO MTFDLAL3T8THG MICRON | Model: MTFDLAL3T8THG-1BP1DFCYR | SSD series: 7600 PRO

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