SSD MICRON 7600 MAX 3000 GB NAND flash type TLC (Triple Level Cell) MTFDLAL3T2THS-1BP1DFCYYR

Model: MTFDLAL3T2THS-1BP1DFCYYR

Manufacturer: MICRON

Product Code: 550394

R16,181

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.

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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 MAX. SSD capacity: 3.2 TB, SSD form factor: U.2, Component for: Server/workstation | Vendor Homepage: https://www.micron.com/search-results?searchRequest=MTFDLBQ12T8THS&activeTab=search-products | SSD disko talpa: 3200 | SSD formos koeficientas: U.2 | Sąsaja: PCI Express 5.0 | NVMe: Taip | „NVMe“ versija: 2.0 | Atminties tipas: 3D TLC NAND | Taikoma: Serveriui / darbo stočiai | Techninės įrangos šifravimas: Taip | Atsitiktinis skaitymas (4 KB): 2100 | Atsitiktinis rašymas (4 KB): 560 | Skaitymo delsa: 75 | Rašymo delsa: 15 | Nekoreguojamos bitų klaidos atsiradimo dažnumas (UBER): < 1 per 10^17 bits read |

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Vidutinis energijos suvartojimas (įrašymas): 14 | Vidutinis energijos suvartojimas (nuskaitymas): 14 | Greitos pradžios vadovas: Taip | Darbo temperatūros diapazonas (TT): 0 - 70 | Atitikties sertifikatai: BSMI/Kinijos RoHS/RoHS | Garantinis laikotarpis: 5 | Bruto svoris: 0.2 | Neto svoris: 0.1 | Vienetų skaičius vienoje siuntimo dėžėje: 1 | Name: SSD PCIE G5 U.2 NVME 3.2TB/7600 MAX MTFDLAL3T2THS MICRON | Model: MTFDLAL3T2THS-1BP1DFCYYR | SSD series: 7600 MAX

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