



**SSD WESTERN
DIGITAL SSD
series Ultrastar
DC SN655
15.36TB PCIe
Gen4 NVMe
NAND flash
technology TLC
Write speed
3700 MBytes/sec
Read speed
6800 MBytes/sec
Form Factor U.3
MTBF 25000000
hours 0TS2463**

Model: 0TS2463

Manufacturer: SANDISK

Product Code: 40403

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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R39,005

Nicht einfach nur Datenspeicher - eine Datenstrategie

Ultrastar NVMe™ enterprise SSDs continue to be the ideal solution for cloud and server providers who need performant, high-capacity, cost-optimized, read-intensive performance for their data-intensive applications.

Unlocking the Full Potential of Enterprise SSDs

With dual-port redundancy and failover capability, end-to-end data protection and additional enterprise features, Ultrastar DC SN655 NVMe SSDs help ensure your data is secure and available when needed. With high-capacity, low-latency performance reaching up to 1.1M IOPs, storage providers are efficiently able to increase capacity for modern applications processing large unstructured datasets and are reducing time-to-insights of big data and enabling efficient machine learning.

Features

Ultrastar DC SN655 NVMe SSDs includes the next generation Western Digital NVMe 1.4b controller with PCIe Generation 4.0 interface and Western Digital BiCS5 TLC 3D NAND to enable higher capacities and performance at scale for increasingly larger application workloads. Designed and built for the standard 2.5" SSD storage infrastructure, the SN655 includes support for U.2 and U.3 backplanes and features power loss protection and 2.5M MTBF (projected) and 1.0 DW/D with a 5 year limited warranty.

Emerging Workloads

Ultrastar DC SN65x NVMe SSDs are optimized for cloud and scaleout workloads, providing high QoS consistency for the emerging workloads for big data, artificial intelligence, and machine learning that are increasing in size and complexity making them the ideal solution for scaling capacity and maximizing GB/watt.

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- Power loss protection, end-to-end data path protection, variable sector sizes, and more
- Western Digital NVMe 1.4 Compliant Controller and PCIe® 4.0
- Western Digital BiCS5 3D TLC NAND

Summary: SanDisk DC SN655. SSD capacity: 15 TB, SSD form factor: U.3, Read speed: 6800 MB/s, Write speed: 3700 MB/s, Component for: Server/workstation | Vendor Homepage: <https://www.westerndigital.com/de-de/products/internal-drives/data-center-drives/ultrastar-dc-sn655-nvme-ssd?sku=0TS2463#0TS2463> | SSD capacity: 15360 | SSD form factor: U.3 | Interface: PCI Express 4.0 | NVMe: Yes | NVMe version: 1.4b | Memory type: 3D TLC NAND | Component for: Server/workstation | Write speed: 3700 | Read speed: 6800 | Random read (4KB): 1100000 | Random write (4KB): 125000 | Read latency: 100 | Write latency: 15 | Uncorrectable Bit Error Rate (UBER): < 1 per 10¹⁷ bits read | Mean time between failures (MTBF): 2500000 | Windows operating systems supported: Yes | Linux operating systems supported: Yes | Operating voltage: 12 | Power consumption (idle): 8 | Width: 69.85 | Depth: 100.45 | Height: 15 | Weight: 147.3 | Operating temperature (T-T): 0 - 70 | Storage temperature (T-T): -40 - 85 | Unit Calculated Weight: 0.16 | Product Net Weight: 0.1473 | Unit Calculated Volume: 0.0001125 | Units per Shipping Box: 1 | Unit Width: 7.5 | Shipping Box Height: 1.5 | Unit Depth: 10 | Unit Height: 1.5 | Name: SSD PCIe 15.36TB TLC/DC SN655 0TS2463 SANDISK | Model: WUS5EA1A1ESP7E3 | SSD series: Ultrastar DC SN655

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