



**SSD WESTERN
DIGITAL SSD
series Ultrastar
DC SN655
3.84TB PCIe
Gen4 NVMe
NAND flash
technology TLC
Write speed
2600 MBytes/sec
Read speed
6800 MBytes/sec
Form Factor U.3
MTBF 25000000
hours 0TS2461**

Model: 0TS2461

Manufacturer: SANDISK

Product Code: 40563

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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R42,187

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: 3.84 TB, SSD form factor: U.3, Read speed: 6800 MB/s, Write speed: 2600 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> | Component for: Server/workstation | Interface: PCI Express 4.0 | Linux operating systems supported: Yes | Mean time between failures (MTBF): 2500000 | Memory type: 3D TLC NAND | NVMe: Yes | NVMe version: 1.4b | Random read (4KB): 1000000 | Random write (4KB): 112000 | Read latency: 80 | Read speed: 6800 | SSD capacity: 3840 | SSD form factor: U.3 | Uncorrectable Bit Error Rate (UBER): 1 per 10¹⁷ bits read | Windows operating systems supported: Yes | Write latency: 10 | Write speed: 2600 | Operating voltage: 12 | Power consumption (idle): 8 | Depth: 100.45 | Height: 15 | Weight: 147.3 | Width: 69.85 | Operating temperature (T-T): 0 - 70 | Storage temperature (T-T): -40 - 85 | Model: WUS5EA138ESP7E3 | SSD series: Ultrastar DC SN655 | Units per Shipping Box: 1 | Unit Calculated Volume: 0.000105 | Unit Calculated Weight: 0.16

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