

Produktinformation



Information



Tillverkare Western Digital

Artnr 0B31077

WD Ultrastar SSD1600MR HUSMR1680ASS200

- Solid state drive - 800 GB - internal - 2.5" SFF
- SAS 12Gb/s

The Ultrastar SSD1600MR delivers high sequential throughput, up to 1100 MB/s read and 700 MB/s write. It also delivers up to 130,000 read and 30,000 write IOPS, reaching speeds significantly faster than HDDs and double the speed of current 6 Gb/s SSDs, allowing rapid access to hot enterprise data for improved productivity and operational efficiency. The Ultrastar SSD1600MR offers significant value in terms of IOPS per W, while reducing total cost of ownership (TCO) through low power consumption, efficient cooling and reduced space requirements.

Specifikation

General

Device Type	Solid state drive - internal
Capacity	800 GB
NAND Flash Memory Type	Multi-level cell (MLC)
Form Factor	2.5" SFF
Interface	SAS 12Gb/s
Features	Error Correction Code (ECC), T10 end-to-end data protection, advanced power loss data management, Exclusive-OR (XOR), Dual Port, Read-Intensive Endurance
Width	70.1 mm
Depth	100.6 mm
Height	15 mm
Weight	187 g

Performance

Drive Writes Per Day (DWPD)	3
SSD Endurance	2.92 PB
Drive Transfer Rate	1.2 GBps (external)
Internal Data Rate	1100 MBps (read) / 700 MBps (write)

4KB Random Read 130000 IOPS

4KB Random Write 30000 IOPS

Reliability

MTBF 2,500,000 hours

Non-Recoverable Errors 1 per 10¹⁷

Expansion & Connectivity

Interfaces 2 x SAS 12 Gb/s

Compatible Bay 2.5" SFF

Power

Power Consumption 9 Watt (active) 2.2 Watt (idle)

Manufacturer Warranty

Service & Support Limited warranty - 5 years

Environmental Parameters

Min Operating Temperature 0 °C

Max Operating Temperature 70 °C

Shock Tolerance (operating) 1000 g @ 0.5 ms half-sine wave

Vibration Tolerance (operating) 2.16 g @ 5-700 Hz