

Seagate Exos 10E2400 ST300MM0048 - hard drive - 300 GB - SAS 12Gb/s



22-05-2024

SKU	ST300MM0048
Product Description:	Seagate Exos 10E2400 ST300MM0048 - hard drive - 300 GB - SAS 12Gb/s
Type:	Hard drive - internal
Capacity:	300 GB
Form Factor:	2.5"
Interface:	SAS 12Gb/s
Data Transfer Rate:	1.2 GBps
Buffer Size:	128 MB



General

Device Type:	Hard drive - internal
Capacity:	300 GB
Form Factor:	2.5"
Interface:	SAS 12Gb/s
Buffer Size:	128 MB
Bytes per Sector:	512
Features:	PowerChoice, Protection Information (PI), Seagate RAID Rebuild, advanced format 512n
Width:	70.1 mm
Depth:	100.45 mm
Height:	15 mm
Weight:	218 g

Performance

Drive Transfer Rate:	1.2 GBps (external)
Internal Data Rate:	215 MBps
Average Latency:	2.9 ms
Spindle Speed:	10000 rpm

Reliability

Non-Recoverable Errors:	1 per 10 ¹⁶
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Environmental Parameters

Min Operating Temperature:	5 °C
Max Operating Temperature:	55 °C
Min Storage Temperature:	-40 °C
Max Storage Temperature:	70 °C
Shock Tolerance (operating):	40 g @ 11 ms
Shock Tolerance (non-operating):	400 g @ 2 ms
Vibration Tolerance (operating):	0.5 g @ 0-500 Hz
Vibration Tolerance (non-operating):	3 g @ 0-500 Hz

Manufacturer Warranty

Service & Support:	Limited warranty - 5 years
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Power

Power Consumption:	6.3 Watt (active) 3.09 Watt (idle)
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Expansion & Connectivity

Interfaces:	SAS 12 Gb/s
Compatible Bay:	2.5"

