

Toshiba MG09



Artikel	120892
Herstellernummer	MG09ACA18TA
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Toshiba	

The MG09 Series features Toshiba's third-generation, 9-disk Helium-sealed design to advance Conventional Magnetic Recording (CMR) density to 2TB per disk, achieving a total capacity of 18TB. The industry-standard 3.5-inch form-factor provides 7200rpm performance, and integrates easily into cloud-scale storage infrastructure, business-critical servers and storage, and File and Object storage solutions.

The massive 18TB CMR capacity is delivered using Toshiba's innovative Flux Control Microwave Assisted Magnetic Recording (FC-MAMR) technology. These advances help the MG09 Series to achieve optimum storage capacity and application compatibility, with unsurpassed data reliability. Available with either a SATA 6.0Gbit/s or a 12.0Gbit/s SAS interface, the MG09 Series models integrate easily into standard 3.5-inch drive bays to help reduce the footprint and operational burden of cloud-scale storage infrastructure, File and Object storage systems, and business critical servers and storage systems.

Zusammenfassung

The MG09 Series features Toshiba's third-generation, 9-disk Helium-sealed design to advance Conventional Magnetic Recording (CMR) density to 2TB per disk, achieving a total capacity of 18TB. The industry-standard 3.5-inch form-factor provides 7200rpm performance, and integrates easily into cloud-scale storage infrastructure, business-critical servers and storage, and File and Object storage solutions.

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Toshiba MG09, 3.5", 18000 GB, 7200 RPM

Toshiba MG09. HDD size: 3.5", HDD capacity: 18000 GB, HDD speed: 7200 RPM

Merkmale

Logistics data

Harmonized System (HS) code 84717050

Weight & dimensions

Width	101.8 mm
Height	26.1 mm
Depth	147 mm
Weight	720 g

Packaging data

Quantity	1
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Power

Power consumption (typical)	8.35 W
Power consumption (idle)	4.16 W
Operating voltage	5 / 12 V

Operational conditions

Operating temperature (T-T)	5 - 55 °C
Storage temperature (T-T)	-40 - 70 °C
Operating relative humidity (H-H)	5 - 90%
Storage relative humidity (H-H)	5 - 95%
Operating vibration	0.75 G
Non-operating vibration	3 G
Operating altitude	-305 - 3048 m
Non-operating altitude	-305 - 12192 m
Operating shock	70 G
Non-operating shock	250 G

Features

HDD size	3.5"
HDD capacity	18000 GB
HDD speed	7200 RPM
Interface	Serial ATA III
Type	HDD
Component for	NAS
Hot-swap	N
Storage drive buffer size	512 MB
HDD interface transfer rate	6 Gbit/s
HDD sustained transfer rate	268 MiB/s
Advanced Format (AF)	Y
24/7 operation	Y
Start/stop cycles	600000
Workload rate limit	550 TB/year
Noise level (idle)	20 dB
Mean time to failure (MTTF)	2500000 h

Preisänderungen und Irrtümer vorbehalten. Alle Produkte solange der Vorrat reicht.