

Toshiba MG07ACA14TE internal hard drive



Artikel	111443
Herstellernummer	MG07ACA14TE
EAN	4260557510544
Toshiba	

Using the world's first 9-disk Helium-sealed design, the MG07ACA Enterprise Capacity SATA HDD provides up to 14TB of conventional magnetic recording (CMR) capacity and 7,200 rpm performance. The industry-standard 3.5-inch form-factor integrates easily into cloud-scale storage infrastructure, business-critical servers and storage, and File and Object storage solutions.

The MG07ACA Series utilizes Toshiba precision laser welding technology to seal helium inside the 9-disk mechanics for the life of the drive. The helium-sealed design reduces aerodynamic drag to deliver a lower operational power profile, helping to achieve TCO objectives for cloud-scale and software-defined data center infrastructure.

The massive 14TB and 12TB model capacity is delivered using proven CMR/PRM recording technologies providing optimum compatibility and data reliability. Equipped with SATA 6.0 Gbit/s interface, the MG07ACA models integrate easily into standard 3.5-inch SATA drive bays to help reduce the footprint and operational burden of cloud-scale storage infrastructure, and business critical servers and storage systems.

Zusammenfassung

Using the world's first 9-disk Helium-sealed design, the MG07ACA Enterprise Capacity SATA HDD provides up to 14TB of conventional magnetic recording (CMR) capacity and 7,200 rpm performance. The industry-standard 3.5-inch form-factor integrates easily into cloud-scale storage infrastructure, business-critical servers and storage, and File and Object storage solutions.

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Toshiba MG07ACA14TE, 3.5", 14000 GB, 7200 RPM

Toshiba MG07ACA14TE. HDD size: 3.5", HDD capacity: 14000 GB, HDD speed: 7200 RPM

Merkmale

Logistics data

Harmonized System (HS) code	84717050
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Power

Power consumption (typical)	4.22 W
Power consumption (read)	7.8 W
Operating voltage	5 / 12 V

Weight & dimensions

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

Features

HDD size	3.5"
HDD capacity	14000 GB
HDD speed	7200 RPM
Interface	Serial ATA
Type	HDD
Storage drive buffer size	256 MB
HDD interface transfer rate	6 Gbit/s
HDD sustained transfer rate	248 MiB/s
Workload rate limit	550 TB/year
Mean time between failures (MTBF)	2500000 h

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

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