

# Toshiba MG07ACA12TE internal hard drive

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**Artikel**  
**Herstellernummer**  
**EAN**  
Toshiba

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MG07ACA12TE  
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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

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Toshiba MG07ACA12TE, 12 TB, 7200 RPM, 256 MB, 3.5", Serial ATA

Toshiba MG07ACA12TE. HDD capacity: 12 TB, HDD speed: 7200 RPM, Storage drive buffer size: 256 MB, HDD size: 3.5", Interface: Serial ATA

# Merkmale

## Logistics data

Harmonized System (HS) code	84717050
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## Power

Power consumption (typical)	3.93 W
Power consumption (read)	7.5 W
Operating voltage	5 / 12 V

## Weight & dimensions

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

## Features

HDD capacity	12 TB
HDD speed	7200 RPM
Storage drive buffer size	256 MB
HDD size	3.5"
Interface	Serial ATA
Type	HDD
HDD interface transfer rate	6 Gbit/s
HDD sustained transfer rate	242 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.