

Toshiba MG07ACA12TE internal hard drive



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|-------------------------|---------------|
| Artikel | 111442 |
| Herstellernummer | MG07ACA12TE |
| EAN | 4260557510520 |
| 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

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Toshiba MG07ACA12TE, 3.5", 12000 GB, 7200 RPM

Toshiba MG07ACA12TE. HDD size: 3.5", HDD capacity: 12000 GB, HDD speed: 7200 RPM

Merkmale

Logistics data

| | |
|-----------------------------|----------|
| Harmonized System (HS) code | 84717050 |
|-----------------------------|----------|

Power

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

Weight & dimensions

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

Features

| | |
|-----------------------------------|-------------|
| HDD size | 3.5" |
| HDD capacity | 12000 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 | 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.