



HDD TOSHIBA MG09 12TB SATA 512 MB 7200 rpm 3,5 MG09ACA12TE



Model: MG09ACA12TE

Manufacturer: TOSHIBA

Product Code: 40766

R10,675 ~~R10,997~~

Rethink Your Data Storage Toshiba Enterprise HDDs

The MG09 Series features Toshiba's third-generation, 9-disk Helium-sealed design to advance Conventional Magnetic Recording (CMR) density to 2 TB per disk, achieving a total capacity up to 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 18 TB 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 6.0 Gbit/s or a 12.0 Gbit/s SAS interface, the MG09 Series models

The product information provided is for reference purposes only. Technical specifications, photos, descriptions and prices may change without prior notice. The manufacturer and seller are not responsible for possible data discrepancies or typographical errors. We recommend checking the current information before purchasing.

shop.cssi.co.za | sales@cssi.co.za | +27 (11)541-9950

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.

- Up to 18TB capacity
- Conventional Magnetic Recording (CMR) for broad compatibility
- Toshiba Flux Control Microwave-assisted Magnetic Recording (FC-MAMR) Technology
- Industry-leading 9-disk helium-sealed design for superior storage density
- Industry Standard 3.5-inch 26.1mm height Form Factor
- 7200rpm Performance
- Choice of SATA 6.0 Gbit/s and 12.0 Gbit/s SAS Interfaces
- Lower operational power profile, providing excellent power efficiency (W/TB) for better TCO
- 550 Total TB Transferred per Year Workload Rating
- 512e or 4Kn Advanced Format Sector Technology; (512e Model) Includes Toshiba Persistent Write Cache Technology for Data-Loss Protection in Sudden Power-Loss Events
- Sustained transfer rate and power efficiency improvements vs. prior MG Series generations
- Sanitize Instant Erase (SIE) option model and Self Encrypting Drive (SED) option model
- Cloud-scale Server and Storage Infrastructure
- Software-defined data center infrastructure
- File- and Object-based storage infrastructure
- Tiered Storage Infrastructure Solutions
- Workloads and Use-Cases that Benefit from High Capacity per Spindle disk drives
- Capacity-Optimized Cloud-scale and Rack-Scale Storage Systems
- Compliance Data Archives and Data Life-Cycle Management Storage Systems
- Data Center Data-Protection and Data Back-up Infrastructure

Summary: Toshiba MG09. HDD capacity: 12 TB, HDD speed: 7200 RPM, HDD size: 3.5", Interface: Serial ATA III | Vendor Homepage: <https://storage.toshiba.com/enterprise-hdd/cloud-scale-capacity/mg09-series> | 24/7 operation: Yes | Advanced Format (AF): Yes | Component for: NAS | HDD capacity: 12000 | HDD interface transfer rate: 6 | HDD size: 3.5 | HDD speed: 7200 | HDD sustained transfer rate: 268 | Hot-swap: No | Interface: Serial ATA III | Mean time to failure (MTTF): 2500000 | Noise level (idle): 20 | Start/stop cycles: 600000 | Type: HDD | Uncorrectable Bit Error Rate (UBER): 1 per 10¹⁰ bits read | Workload rate limit: 550 | Operating voltage: 5 / 12 | Power consumption (idle): 3.3 | Power consumption (typical): 7.43 | Non-operating altitude: -305 - 12192 | Non-operating shock:

The product information provided is for reference purposes only. Technical specifications, photos, descriptions and prices may change without prior notice. The manufacturer and seller are not responsible for possible data discrepancies or typographical errors. We recommend checking the current information before purchasing.

shop.cssi.co.za | sales@cssi.co.za | +27 (11)541-9950

250 | Non-operating vibration: 3 | Operating altitude: -305 - 3048 | Operating relative humidity (H-H):
5 - 90 | Operating shock: 70 | Operating temperature (T-T): 5 - 55 | Operating vibration: 0.75 |
Storage relative humidity (H-H): 5 - 95 | Storage temperature (T-T): -40 - 70 | Quantity per pack: 1 |
Model: MG09ACA12TE | Model name: MG09 | Units per Pallet: 0 | Units per Shipping Box: 20 | Unit
Calculated Volume: 0.001899 | Product Net Weight: 0.67 | Unit Calculated Weight: 0.675

The product information provided is for reference purposes only. Technical specifications, photos, descriptions and prices may change without prior notice. The manufacturer and seller are not responsible for possible data discrepancies or typographical errors. We recommend checking the current information before purchasing.

shop.cssi.co.za | sales@cssi.co.za | +27 (11)541-9950