



HDD TOSHIBA Enterprise Capacity 3.5 HDD 20TB SATA 512 MB 7200 rpm 3,5 MG10ACA20TE



Model: MG10ACA20TE

Manufacturer: TOSHIBA

Product Code: 40689

R18,603 ~~R20,080~~

Rethink Your Data Storage Toshiba Enterprise HDDs

The MG10 Series features Toshiba's fourth-generation, 10-disk Helium-sealed design to advance Conventional Magnetic Recording (CMR) density to 2 TB per disk, achieving a total capacity up to 20 TB. 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 20 TB CMR capacity is delivered using Toshiba's innovative Flux Control Microwave Assisted Magnetic Recording (FC-MAMR™) technology. These advances help the MG10 Series to

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achieve optimum storage capacity and application compatibility, with unsurpassed data reliability. Available with a SATA 6.0Gbit/s interface, the MG10 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.

Massive Capacity

Up to 20 TB of Conventional Magnetic Recording (CMR) capacity. Available in SATA models with 512e or 4Kn Advanced Format Sector Technology.

Enterprise Grade Reliability

Includes Toshiba Persistent Write Cache Technology for Data-Loss Protection in Sudden Power-Loss Events (512e models).

Industry Leading Mechanical Design

10-disk design for superior storage density.

Toshiba Precision Laser Welding Technology

Seals helium inside the 10-disk mechanics to reduce aerodynamic drag and deliver a lower operational power profile.

Lower Total Cost of Ownership (TCO)

Lower operational power profile, providing excellent power efficiency (W/TB) for better TCO.

- Up to 20 TB capacity
- Conventional Magnetic Recording (CMR) for broad compatibility
- Toshiba Flux Control Microwave-assisted Magnetic Recording (FC-MAMR™) Technology
- Industry-leading 10-disk helium-sealed design for superior storage density
- Industry Standard 3.5-inch 26.1mm height Form Factor
- 7200
- rpm Performance
- SATA 6.0Gbit/s Interfaced
- Lower operational power profile, providing excellent power efficiency (W/TB) for better TCO
- 550 Total TB Transferred per Year Workload Rating

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- 512e or 4Kn Advanced Format Sector Technology; (512e Model) Includes Toshiba Persistent Write Cache Technology for Data-Loss Protection in Sudden Power-Loss Events
- Toshiba Persistent Write Cache Technology for Data-Loss Protection in Sudden Power-Loss Events
- Power efficiency improvements vs. prior MG Series generations
- Sanitize Instant Erase (SIE) option model and Self Encrypting Drive (SED) option model

Summary: Toshiba MG Series. HDD capacity: 20 TB, HDD speed: 7200 RPM, Storage drive buffer size: 512 MB, HDD size: 3.5", Interface: Serial ATA | Vendor Homepage:

<https://storage.toshiba.com/enterprise-hdd/cloud-scale-capacity/mg10-series> | 24/7 operation: Yes | Component for: NAS | HDD capacity: 20000 | HDD interface transfer rate: 6 | HDD size: 3.5 | HDD speed: 7200 | HDD sustained transfer rate: 281 | Hot-swap: No | Interface: Serial ATA | Mean time to failure (MTTF): 2500000 | Storage drive buffer size: 512 | Type: HDD | Workload rate limit: 550 | Power consumption (typical): 9.3 | Quantity per pack: 1 | Warranty period: 5 | Model: MG10ACA20TE | HDD Family name: Enterprise Capacity 3.5" HDD | Units per Pallet: 0 | Units per Shipping Box: 20 | Unit Calculated Volume: 0.001929 | Product Net Weight: 0.71 | Unit Calculated Weight: 0.75

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