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HDD TOSHIBA 16 TB Serial ATA III Buffer 1024 MB 7200 RPM 3.5 MG11ACA16TE

Model: MG11ACA16TE

Manufacturer: TOSHIBA

Product Code: 1180750

R17,394

Built on 50 years of Toshiba’s HDD innovation, the MG11 Series delivers new levels of capacity, performance, and quality. Packing up to 24TB into a standard 3.5-inch conventional magnetic recording (CMR) HDD, the MG11 Series enables cloud-scale infrastructure to build higher storage densities at lower TCO. The MG11 Series features up to a 10-disk helium-sealed 3.5-inch design, which leverages Toshiba’s innovative Flux Control Microwave Assisted Magnetic Recording (FC-MAMR™) technology to achieve 2.4TB per disk. Built to meet growing data storage demands, the MG11 Series has a high workload rating of 550TB with 7200 rpm, and is available in 6Gbps SATA and 12Gbps SAS interfaces. Engineered for 24/7 quality and enterprise reliability, the MG11 Series has an MTTF of 2.5 million hours. SED and SIE options are available to secure data and deliver peace of mind. In addition to 24TB, the MG11 is available in 22TB, 20TB, 18TB, 16TB, and 14TB in both SAS

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and SATA interfaces with SIE and SED options.

- Conventional Magnetic Recording (CMR) for broad compatibility
- Toshiba 2nd generation Flux Control Microwave-assisted Magnetic Recording (FC-MAMR™) Technology
- Industry-leading 10-disk helium-sealed design for superior storage density
- Lower operational power profile, providing excellent power efficiency (W/TB) for better TCO
- 550 Total TB Transferred per Year Workload Rating
- Sanitize Instant Erase (SIE) option model and Self Encrypting Drive (SED) option model

Summary: Toshiba MG11ACA16TE. HDD capacity: 16 TB, HDD speed: 7200 RPM, Storage drive buffer size: 1024 MB, HDD size: 3.5", Interface: Serial ATA III | Vendor Homepage: https://toshiba.semicon-storage.com/us/storage/product/data-center-enterprise/cloud-scale-capacity/articles/mg11-series.html | HDD capacity: 16000 | HDD speed: 7200 | Storage drive buffer size: 1024 | HDD size: 3.5 | Interface: Serial ATA III | Type: HDD | Component for: Server/workstation | HDD interface transfer rate: 6 | HDD sustained transfer rate: 281 | 24/7 operation: Yes | Workload rate limit: 550 | Mean time between failures (MTBF): 2500000 | Power consumption (idle): 3.66 | Power consumption (read): 7.41 | Power consumption (write): 7.41 | Operating voltage: 5 / 12 | Operating temperature (T-T): 5 - 55 | Storage temperature (T-T): -40 - 70 | Operating relative humidity (H-H): 5 - 90 | Storage relative humidity (H-H): 5 - 95 | Operating vibration: 0.75 | Non-operating vibration: 3 | Operating shock: 50 | Non-operating shock: 200 | Width: 101.85 | Depth: 147 | Height: 26.1 | Weight: 730 | Unit Calculated Weight: 0.75 | Unit Calculated Volume: 0.00202 | Units per Shipping Box: 20 | Unit Width: 13 | Units per Pallet: 0 | Shipping Box Height: 25 | Unit Depth: 18 | Unit Height: 3.5 | Name: HDD SATA 16TB 7200RPM 512MB/MG11ACA16TE TOSHIBA | Model name: MG11ACA16TE

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