#### **TOSHIBA**

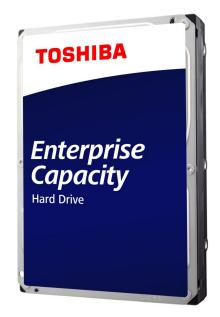


Enterprise Capacity HDDs are perfect in situations such as cloud data centers, which have to manage a massive volume of data. The MG Series include the world's first 9 disks\* storage device, and offer up to 16TB of conventional magnetic recording capacity. Helium-sealed models also achieve higher storage recording density and significantly lower power consumption by reducing aero-dynamic resistance.

\*Source: Toshiba Electronic Devices & Storage Corporation, as of December, 2017 for the 3.5-inch, 26.1mm high.

# Enterprise Capacity

Hard Disk Drive





MG Series

Choice of SATA or SAS models up to 16TB

The lineup includes products with a wide range of uses such as large-scale cloud data centers and more conventional server/storage systems. The highest capacity models help contribute to reduce TCO and a lower cost per unit of storage capacity.

**Durability and Reliability** 

With an annual workload of 550TB and a maximum MTTF of 2.5 million hours, MG series is designed for business critical workloads that require consistent 24/365 performance with high reliability.

Toshiba's Persistent Write Cache technology

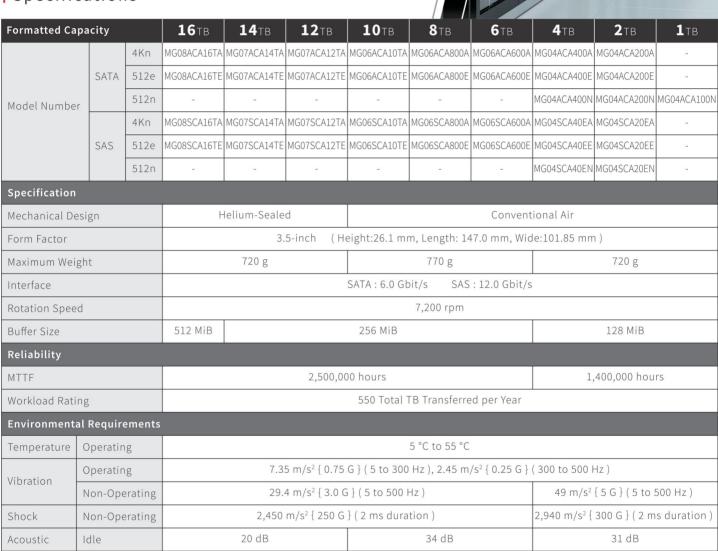
Helps to enhance write performance between the host and the drive, and also prevents data loss in the event of a sudden loss of power (512e models).

#### MG Hard Disk Drive

### Application

- Cloud-scale Storage Infrastructure
- Software-defined Data Center Infrastructure
- File and Object-based Storage Infrastructure
- Mid-line / Nearline Business Critical Workloads
- Tier 2 Business-Critical Servers and Storage Systems

## Specifications



Limited Warranty: 5 years

<sup>•</sup>Before creating and producing designs and using, customers must also refer to and comply with the latest versions of all relevant information of this document and the instructions for the application that Product will be used with or for. Product images used do not represent actual products.









<sup>•</sup> Definition of capacity: A terabyte (TB) is 1,000,000,000,000,000 bytes. A computer operating system, however, reports storage capacity using powers of 2 for the definition of 1TB = 2<sup>40</sup> = 1,099,511,627,776 bytes and therefore shows less storage capacity. Available storage capacity (including examples of various media files) will vary based on file size, formatting, settings, software and operating system and/or pre-installed software applications, or media content. Actual formatted capacity may vary. • A mebibyte (MiB) means 2<sup>30</sup>, or 1,048,576 bytes. • MTTF (Mean Time to Failure) is not a guarantee or estimate of product life; it is a statistical value related to mean failure rates for a large number of products which may not accurately reflect actual operation. Actual operating life of the product may be different from the MTTF. • Read and write speed may vary depending on the host device, read and write conditions, and file size. • "3.5-inch" means the form factor of HDDs. They do not indicate drive's physical size. • Workload is a measure of the data throughput of the year, and it is defined as the amount of data written, read or verified by commands from the host system