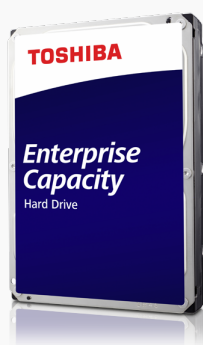


## Enterprise

# Enterprise Capacity Hard Drive – MG Series

Designed for your enterprise business

Color 

As Big Data drives demand for more distributed storage in the cloud and on premises, enterprise server and storage systems need to be built using trusted solutions. Toshiba's Enterprise Capacity Hard Drive – MG Series offers formatted capacities as high as 16 TB with interface options including SATA and SAS and delivers 24/7 operation at a workload of 550 TB/year. The MG Series is ideal for enterprise storage array and industrial server and storage systems. It provides the capacity and advanced technologies to meet the special demands of datacenter and cloud-scale infrastructures.

Use for:

- Business critical enterprise server and storage systems with need for capacity
- Mainstream enterprise storage arrays (RAID, software defined)
- Cloud- and hyperscale storage systems
- Distributed file systems, Big Data
- Enterprise and cloud archive- and data recovery systems
- Centralized surveillance data storage systems
- Industrial server- and storage systems

- 3.5" 3.5" SATA or SAS Hard Drive
- 24/7 operation
- 5-year warranty
- Toshiba Stable Platter Technology
- Persistent Write Cache technology
- 550 TB/year workload
- Flexibility in block size and SIE and SED options
- Rotational Vibrations sensor

## Product Specifications

### Basic Specifications

|                      |   |
|----------------------|---|
| Form factor          | 3.5-inch  |
| Interface            | 12 Gbit/s SAS / 6 Gbit/s SATA                                       |
| Available capacities | 16TB / 14TB / 12TB / 10TB / 8TB / 6TB / 5TB / 4TB / 3TB / 2TB / 1TB |
| RoHS compatible      | Yes   |
| Halogen Free         | Yes   |

### Performance

|                  |           |
|------------------|-----------|
| Rotational speed | 7.200 rpm |
|------------------|-----------|

|             |                          |
|-------------|--------------------------|
| Buffer size | 512 MB / 256 MB / 128 MB |
|-------------|--------------------------|

|                             |           |
|-----------------------------|-----------|
| Native Command Queing (NCQ) | Supported |
|-----------------------------|-----------|

### Reliability

|           |             |
|-----------|-------------|
| Workloads | 550 TB/year |
|-----------|-------------|

|                          |                      |
|--------------------------|----------------------|
| Unrecoverable error rate | 1 per 1015 bits read |
|--------------------------|----------------------|

|                |           |
|----------------|-----------|
| 24/7 operation | Supported |
|----------------|-----------|

|                  |         |
|------------------|---------|
| Limited warranty | 5 years |
|------------------|---------|

# Product Range

| Part number | Capacity | Color |
|-------------|----------|-------|
| MG04SCA     | -        | -     |
| MG04ACA     | -        | -     |
| MG05ACA     | -        | -     |
| MG06ACA     | -        | -     |
| MG06SCA     | -        | -     |
| MG07ACA     | -        | -     |
| MG07SCA     | -        | -     |
| MG08ACA     | -        | -     |
| MG08SCA     | -        | -     |

## Contact

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