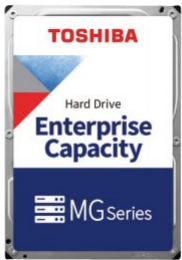


Toshiba MG Series(MG08ADA400E)
Toshiba MG Series - Hard drive - 4 TB - internal - 3.5" - SATA 6Gb/s - 7200 rpm - buffer:256 MB



The Enterprise Capacity 7200rpm HDD models offer up to 8TB(SATA/SAS),a choice of interface (SATA - MG08ADA Series,and SAS - MG08SDA Series),as well as a choice of 512 Native(512n) sector or 512 emulation(512e) sector technologies. All models utilize a power-efficient mechanical design incorporating the latest advancements in HDD technology. MG08-D Series models are designed to provide plug-and-play robustness using the industry standard 3.5-inch form factor. Model options supporting Sanitize Instant Erase (SIE) and Self-Encrypting Drive (SED) are also available.

Key Selling Points

- Industry standard 3.5-inch 26.1mm height form factor
- Up to 8TB (SATA or SAS)
- 7200rpm performance
- Choice of SATA 6Gbit/s or dual-port SAS 12Gbit/s interface
- 550 total TB transferred per year workload rating
- Choice of 512n or 512e (advanced format) sector technology
- Sanitize Instant Erase (SIE) and Self-Encrypting Drive (SED) option models available

Main Specifications

| | |
|-----------------------|--|
| Product Description | Toshiba MG Series - hard drive - 4 TB - SATA 6Gb/s |
| Type | Hard drive - internal |
| Capacity | 4 TB |
| Form Factor | 3.5" |
| Interface | SATA 6Gb/s |
| Data Transfer Rate | 600 MBps |
| Buffer Size | 256 MB |
| Spindle Speed | 7200 rpm |
| Features | Business critical,24x7 continuous operation,advanced format 512e,Enterprise Capacity |
| Manufacturer Warranty | 5-year warranty |

Extended Specification

General

| | |
|-------------|--|
| Device Type | Hard drive - internal |
| Capacity | 4 TB |
| Form Factor | 3.5" |
| Interface | SATA 6Gb/s |
| Buffer Size | 256 MB |
| Features | Business critical,24x7 continuous operation,advanced format 512e,Enterprise Capacity |

Performance

| | |
|---------------------|---------------------|
| Drive Transfer Rate | 600 MBps (external) |
| Internal Data Rate | 243 MBps |

| | |
|-----------------|---------------------------------|
| Seek Time | 7.4 ms (average) / 8.2 ms (max) |
| Average Latency | 4.2 ms |
| Spindle Speed | 7200 rpm |

Reliability

| | |
|------------------------|------------------------|
| MTBF | 2,000,000 hours |
| 24x7 Operation | Yes |
| Non-Recoverable Errors | 1 per 10 ¹⁵ |

Expansion & Connectivity

| | |
|----------------|-----------------|
| Interfaces | 1 x SATA 6 Gb/s |
| Compatible Bay | 3.5" |

Power

| | |
|-------------------|-------------------|
| Power Consumption | 8.1 Watt (active) |
|-------------------|-------------------|

Manufacturer Warranty

| | |
|-------------------|----------------------------|
| Service & Support | Limited warranty - 5 years |
|-------------------|----------------------------|

Product data is provided by CNET,we do not warrant the accuracy and completeness of the material contained in this data sheet