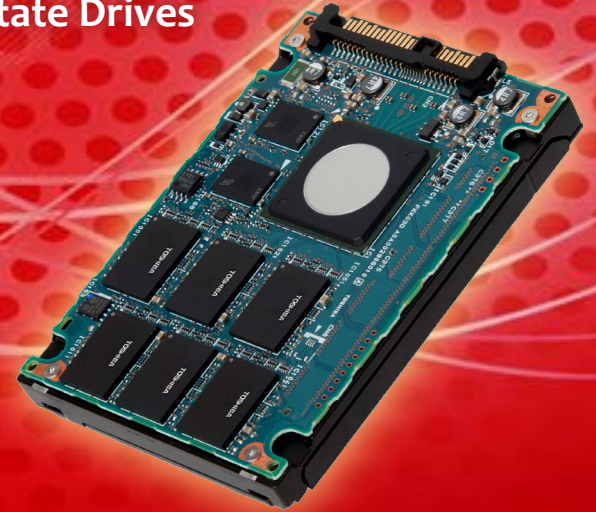


TOSHIBA

Leading Innovation >>>

The Industry Pioneer

Hard Disk Drives & Solid State Drives



Toshiba's Commitment to Leadership

As a leading provider of storage solutions and as the principal inventor of NAND flash storage, Toshiba sets many of today's industry standards for storage technology. As a 'One-Stop Storage Device Supplier', Toshiba is ideally positioned to fulfill the growing demands for a wider range of storage devices from the latest desktop and mobile computers, consumer electronics and multimedia market to quality critical IT markets.

Mobile Storage

Delivering advanced power consumption, security options and performance, Toshiba's hard disk drives and solid state drives provide an ideal storage solution for high-end and thin/light notebooks, all-in-one desktop computers, consumer and industrial PCs and embedded systems.

Desktop Storage

Toshiba's 3.5-inch hard disk drives deliver high capacity along with high performance and low power consumption for cooler operation in all-in-one desktop and gaming PCs, home servers, external HDDs, and consumer electronics products such as set-top boxes (STBs) and digital video recorders (DVRs).

Enterprise-class Storage

Representing all levels of tiered storage architecture and the forefront of leading-edge manufacturing technology, Toshiba offers enterprise-class solid state drives and hard disk drives designed to support mission and business critical enterprise storage applications including servers, direct-attached storage, and network-attached storage.

www.toshibastorage.com

Storage Product List

Distribution Sales Channel

Toshiba America Electronic Components, Inc.

| Class | Form Factor | Interface | Speed | Capacity (GB/TB)1 | Sector Size | Model | Part Number | Remarks | Warranty | | | |
|------------|-------------|---------------|------------|-------------------|--|---|---|---|---|---------|----------------------------------|---|
| Enterprise | 3.5-inch | SAS | 10,500 | 300 | 512B | AL13SEL300 | HDE8C03GEA51 | 6 Gb/sec. SAS, AL13SE 2.5-inch series mounted in a 3.5-inch bracket | 5 | | | |
| | | | | 450 | 512B | AL13SEL450 | HDE8C02GEA51 | 6 Gb/sec. SAS, AL13SE 2.5-inch series mounted in a 3.5-inch bracket | 5 | | | |
| | | | | 600 | 512B | AL13SEL600 | HDE8C01GEA51 | 6 Gb/sec. SAS, AL13SE 2.5-inch series mounted in a 3.5-inch bracket | 5 | | | |
| | | | 10,025 | 900 | 512B | AL13SEL900 | HDE8C00GEA51 | 6 Gb/sec. SAS, AL13SE 2.5-inch series mounted in a 3.5-inch bracket | 5 | | | |
| | | | | 300 | 512B | MBF230LRC | CA07173-B2800LF | 6 Gb/sec. SAS, MBF 2.5-inch series mounted in a 3.5-inch bracket | 5 | | | |
| | | | | 450 | 512B | MBF245LRC | CA07173-B3800LF | 6 Gb/sec. SAS, MBF 2.5-inch series mounted in a 3.5-inch bracket | 5 | | | |
| | | | 7,200 | 600 | 512B | MBF260LRC | CA07173-B4800LF | 6 Gb/sec. SAS, MBF 2.5-inch series mounted in a 3.5-inch bracket | 5 | | | |
| | | | | 1 TB | 512B | MG03SCA100 | HDEPC03GEA51 | 6 Gb/sec. SAS, Encryption options available | 5 | | | |
| | | | | 2 TB | 512B | MG03SCA200 | HDEPC02GEA51 | 6 Gb/sec. SAS, Encryption options available | 5 | | | |
| | | SATA | 7,200 | 3 TB | 512B | MG03SCA300 | HDEPC01GEA51 | 6 Gb/sec. SAS, Encryption options available | 5 | | | |
| | | | | 4 TB | 512B | MG03SCA400 | HDEPC00GEA51 | 6 Gb/sec. SAS, Encryption options available | 5 | | | |
| | | | | 1 TB | 512B | MG03ACA100 | HDEPQ03GEA51 | 6 Gb/sec. SATA, Encryption options available | 5 | | | |
| | | | | 2 TB | 512B | MG03ACA200 | HDEPQ02GEA51 | 6 Gb/sec. SATA, Encryption options available | 5 | | | |
| | | 2.5-inch | eMLC NAND | | 200 | 512, 520, 528B | PX02SMF020 | SDFCP03G0A51 | 7mm, 6 Gb/sec. / 12 Gb/sec., Crypto Erase and SED options available | 5 | | |
| | | | | | 400 | 512, 520, 528B | PX02SMF040 | SDFCP02G0A51 | 7mm, 6 Gb/sec. / 12 Gb/sec., Crypto Erase and SED options available | 5 | | |
| | 800 | | | | 512, 520, 528B | PX02SMF080 | SDFCP01G0A51 | 7mm, 6 Gb/sec. / 12 Gb/sec., Crypto Erase and SED options available | 5 | | | |
| | 1.6 TB | | | | 512, 520, 528B | PX02SMB160 | SDFAP00G0A51 | 15mm, 6 Gb/sec. / 12 Gb/sec., Crypto Erase and SED options available | 5 | | | |
| | SAS | | 15,000 | 147 | 512B | MK1401GRRR | HDEAA01GEA51 | 6 Gb/sec. SAS, Self Encrypting Drives available with MK1401GRRR model | 5 | | | |
| | | | | 300 | 512B | MK3001GRRR | HDEAA00GEA51 | 6 Gb/sec. SAS, Self Encrypting Drives available with MK3001GRRR model | 5 | | | |
| | | | | 300 | 512B | AL13SEB300 | HDEBC03GEA51 | 6 Gb/sec. SAS | 5 | | | |
| | 10,500 | | 450 | 512B | AL13SEB450 | HDEBC02GEA51 | 6 Gb/sec. SAS | 5 | | | | |
| | | | 600 | 512B | AL13SEB600 | HDEBC01GEA51 | 6 Gb/sec. SAS | 5 | | | | |
| | | | 900 | 512B | AL13SEB900 | HDEBC00GEA51 | 6 Gb/sec. SAS | 5 | | | | |
| | | | 300 | 512B | MBF2300RC | CA07173-B200 | 6 Gb/sec. SAS, SED avail. with MBF2300RE, planned EOL is C3Q'13 | 5 | | | | |
| | | | 450 | 512B | MBF2450RC | CA07173-B300 | 6 Gb/sec. SAS, SED avail. with MBF2450RE, planned EOL is C3Q'13 | 5 | | | | |
| | | | 600 | 512B | MBF2600RC | CA07173-B400 | 6 Gb/sec. SAS, SED avail. with MBF2600RE, planned EOL is C3Q'13 | 5 | | | | |
| | 10,025 | | 300 | 512B | MBF2600RC | CA07173-B400 | 6 Gb/sec. SAS, SED avail. with MBF2600RE, planned EOL is C3Q'13 | 5 | | | | |
| | | | 450 | 512B | MBF2450RC | CA07173-B300 | 6 Gb/sec. SAS, SED avail. with MBF2450RE, planned EOL is C3Q'13 | 5 | | | | |
| | | 600 | 512B | MBF2300RC | CA07173-B200 | 6 Gb/sec. SAS, SED avail. with MBF2300RE, planned EOL is C3Q'13 | 5 | | | | | |
| | | 80 | 512B | MK8061GSYB | HDD2F05 | 3 Gb/sec. SATA, 24/7 operation, 50% duty cycle | 3 | | | | | |
| 160 | | 512B | MK1661GSYB | HDD2F03 | 3 Gb/sec. SATA, 24/7 operation, 50% duty cycle | 3 | | | | | | |
| 250 | | 512B | MK2561GSYB | HDD2F02 | 3 Gb/sec. SATA, 24/7 operation, 50% duty cycle | 3 | | | | | | |
| 5,400 | 500 | 512B | MK5061GSYB | HDD2F01 | 3 Gb/sec. SATA, 24/7 operation, 50% duty cycle | 3 | | | | | | |
| | 250 | 512B | MK2576GSXZ | HDD2L95 | 3 Gb/sec. SATA, 24/7 operation, 20% duty cycle | 3 | | | | | | |
| | 500 | 512B | MK5076GSXZ | HDD2L93 | 3 Gb/sec. SATA, 24/7 operation, 20% duty cycle | 3 | | | | | | |
| | 500 | 512e (4KB) | DT01ACA050 | HDKPC05 | 6 Gb/sec. SATA | 2 | | | | | | |
| | 1 TB | 512e (4KB) | DT01ACA100 | HDKPC03 | 6 Gb/sec. SATA | 2 | | | | | | |
| | 2 TB | 512e (4KB) | DT01ACA200 | HDKPC09 | 6 Gb/sec. SATA | 2 | | | | | | |
| Mobile | 3.5-inch | SATA | 7,200 | 3 TB | 512e (4KB) | DT01ACA300 | HDKPC08 | 6 Gb/sec. SATA | 2 | | | |
| | | | | 160 | 512B | MK1661GSYN | HDD2F25 | 3 Gb/sec. SATA | 3 | | | |
| | | | | 250 | 512B | MK2561GSYN | HDD2F24 | 3 Gb/sec. SATA | 3 | | | |
| | | | | 320 | 512B | MK3261GSYN | HDD2F23 | 3 Gb/sec. SATA | 3 | | | |
| | | | | 500 | 512B | MK5061GSYN | HDD2F22 | 3 Gb/sec. SATA | 3 | | | |
| | | | | 640 | 512B | MK6461GSYN | HDD2F21 | 3 Gb/sec. SATA | 3 | | | |
| | | | | 2.5-inch | SATA | 7,200 | 160 | 512B | MK1676GSX | HDD2J96 | 3 Gb/sec. SATA | 3 |
| | | | | | | | 250 | 512B | MK2576GSX | HDD2J95 | 3 Gb/sec. SATA | 3 |
| | | | | | | | 320 | 512B | MK3276GSX | HDD2J94 | 3 Gb/sec. SATA | 3 |
| | | | | | | | 500 | 512B | MK5076GSX | HDD2J93 | 3 Gb/sec. SATA | 3 |
| | | | | | | | 640 | 512B | MK6476GSX | HDD2J92 | 3 Gb/sec. SATA | 3 |
| | | | | | | | 250 | 512e (4KB) | MQ01ABD025 | HDKEB05 | 3 Gb/sec. SATA | 3 |
| | | | | | | | 320 | 512e (4KB) | MQ01ABD032 | HDKEB04 | 3 Gb/sec. SATA | 3 |
| | | | | | | | 320 | 512e (4KB) | MQ01ABF032 | HDKCB07 | 6 Gb/sec. SATA, 7mm high profile | 3 |
| | | | | | | | 500 | 512e (4KB) | MQ01ABD050 | HDKEB03 | 3 Gb/sec. SATA | 3 |
| | 5,400 | 500 | 512e (4KB) | | | MQ01ABF050 | HDKCB06 | 6 Gb/sec. SATA, 7mm high profile | 3 | | | |
| | | 750 | 512e (4KB) | | | MQ01ABD075 | HDKBB97 | 3 Gb/sec. SATA | 3 | | | |
| | | 1 TB | 512e (4KB) | | | MQ01ABD100 | HDKBB96 | 3 Gb/sec. SATA | 3 | | | |
| | | 512 | 512B | | | THNSNH512GBST | THNSNH512GBST | 9.5mm height, 6 Gb/sec. | 1 | | | |
| | | 256 | 512B | | | THNSNH256GBST | THNSNH256GBST | 9.5mm height, 6 Gb/sec. | 1 | | | |
| | | 128 | 512B | | | THNSNH128GBST | THNSNH128GBST | 9.5mm height, 6 Gb/sec. | 1 | | | |
| | SATA | 19nm MLC NAND | 60 | 512B | THNSNH060GBST | THNSNH060GBST | 9.5mm height, 6 Gb/sec. | 1 | | | | |
| | | | 512 | 512B | THNSNH512GCST | THNSNH512GCST | 7.0mm height, 6 Gb/sec. | 1 | | | | |
| | | | 256 | 512B | THNSNH256GCST | THNSNH256GCST | 7.0mm height, 6 Gb/sec. | 1 | | | | |
| | | | 128 | 512B | THNSNH128GCST | THNSNH128GCST | 7.0mm height, 6 Gb/sec. | 1 | | | | |
| | | | 60 | 512B | THNSNH060GCST | THNSNH060GCST | 7.0mm height, 6 Gb/sec. | 1 | | | | |
| | | | mSATA | 19nm MLC NAND | 256 | 512B | THNSNH256GMCT | THNSNH256GMCT | 6 Gb/sec. | 1 | | |
| | | | | | 128 | 512B | THNSNH128GMCT | THNSNH128GMCT | 6 Gb/sec. | 1 | | |
| | | | | | 60 | 512B | THNSNH060GMCT | THNSNH060GMCT | 6 Gb/sec. | 1 | | |
| | | | | | 40 | 512B | MK4050GACE | HDD2E36 | 100 MB/sec. -20 to 70oC for industrial usage | 3 | | |
| 80 | | 512B | | | MK8050GACE | HDD2E34 | 100 MB/sec. -20 to 70oC for industrial usage | 3 | | | | |
| 100 | | 512B | | | MK1060GSCX | HDD2G34 | 1.5 Gb/sec. for industrial usage | 3 | | | | |
| Specialty | | 2.5-inch | PATA | 4,200 | 100 | 512B | MK1060GSC | HDD2G32 | 1.5 Gb/sec. for industrial and automotive usage | 3 | | |
| | | | | | 200 | 512B | MK2060GSC | HDD2G31 | 1.5 Gb/sec. for industrial and automotive usage | 3 | | |
| | | | SATA | 4,200 | 100 | 512B | MK1060GSC | HDD2G32 | 1.5 Gb/sec. for industrial and automotive usage | 3 | | |

For more information go to www.toshibastorage.com

One Terabyte (1TB) = 1,000 Gigabytes (GB). One Gigabyte (1GB) means $10^9 = 1,000,000,000$ bytes using powers of 10. A computer operating system, however, reports storage capacity using powers of 2 for the definition of $1\text{GB} = 2^{30} = 1,073,741,824$ bytes, and therefore shows less storage capacity. Available storage capacity will also be less if the computer includes one or more pre-installed operating systems, pre-installed software applications, or media content. Actual formatted capacity may vary.

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