

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	15,000	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	
	10,500			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	
	SAS		10,500	300	512B	AL13SEB300	HDEBC03GEA51	6 Gb/sec. SAS	5	
				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	
	10,025		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		
			600	512B	MBF2600RC	CA07173-B400	6 Gb/sec. SAS, SED avail. with MBF2600RE, planned EOL is C3Q'13	5		
	Extended-durability		2.5-inch	SATA	7,200	80	512B	MK8061GSYB	HDD2F05	3 Gb/sec. SATA, 24/7 operation, 50% duty cycle
		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	
Desktop	3.5-inch	SATA	7,200	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	
				3 TB	512e (4KB)	DT01ACA300	HDKPC08	6 Gb/sec. SATA	2	
Mobile	2.5-inch	SATA	7,200	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	
				160	512B	MK1676GSX	HDD2J96	3 Gb/sec. SATA	3	
			5,400	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	
	SATA	19nm MLC NAND	320	512e (4KB)	MQ01ABF032	HDKCB07	6 Gb/sec. SATA, 7mm high profile	3		
			500	512e (4KB)	MQ01ABD050	HDKEB03	3 Gb/sec. SATA	3		
			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		
	mSATA	19nm MLC NAND	256	512B	THNSNH256GBST	THNSNH256GBST	9.5mm height, 6 Gb/sec.	1		
			128	512B	THNSNH128GBST	THNSNH128GBST	9.5mm height, 6 Gb/sec.	1		
			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		
Specialty	2.5-inch	PATA	4,200	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	
		SATA	4,200	100	512B	MK1060GSCX	HDD2G34	1.5 Gb/sec. for industrial usage	3	
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					

For more information go to www.toshiba-storage.com

One Terabyte (1TB) = 1,000 Gigabytes (GB). One Gigabyte (1GB) means 1⁰⁹ = 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 1GB = 2³⁰ = 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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