

HITACHI

Inspire the Next

Hitachi Global Storage Technologies

Hitachi Global Storage Technologies offers you a comprehensive product portfolio based on industry-leading technology—including 2.5-inch and 3.5-inch hard disk drive storage devices and solutions that address broad consumer, commercial, and industrial applications for PCs, workstations, servers, RAID storage subsystems, notebooks, and more. With over 50 years in hard drive innovation, Hitachi GST has maintained its position as the market and segment leader for 2.5-inch hard drives since its first shipment in 1991.



Features ▶

- A legacy of more than 50 years in hard drive innovation
- Demonstrated world-class quality and local design studios
- Proven technology leadership in perpendicular magnetic recording, Femto slider, pixie dust media, and giant magnetoresistive (GMR) head
- Broad product portfolio including a full range of high-cap to low-cap drives with high quality and reliability.

Benefits ▶

Enabling users to fully engage in the digital lifestyle by providing access to large amounts of storage capacity in formats suitable for the office, on-the-road, and in-home

Applications ▶

- Embedded, e-business, and emerging technologies
- Enterprise business critical applications
- Notebook and desktop personal computers
- Consumer electronics, converged devices, and gaming devices
- External storage, DVRs, set-top boxes, and media center PCs

Product Specifications ▶

Product	Model Number	Capacity	Interface	Form Factor	RPM	Seek Time	Max. Data Rate	Buffer	Other Information
Ultrastar™ 15K300	HUS153030VL3800	300 GB	Ultra320 SCSI	3.5"	15K	3.6 ms	1,44 1 Mb/s	16 MB	New Q2 2007
	HUS153030VLS300	300 GB	3 Gb/s SAS	3.5"	15K	3.6 ms	1,44 1 Mb/s	16 MB	New Q2 2007
	HUS153030VLF400	300 GB	4 Gb/s FCAL	3.5"	15K	3.6 ms	1,44 1 Mb/s	16 MB	New Q2 2007
	HUS153014VL3800	147 GB	Ultra320 SCSI	3.5"	15K	3.4 ms	1,44 1 Mb/s	16 MB	New Q2 2007
	HUS153014VLS300	147 GB	3 Gb/s SAS	3.5"	15K	3.4 ms	1,44 1 Mb/s	16 MB	New Q2 2007
	HUS153014VLF400	147 GB	4 Gb/s FCAL	3.5"	15K	3.4 ms	1,44 1 Mb/s	16 MB	New Q2 2007
	HUS153073VL3800	73 GB	Ultra320 SCSI	3.5"	15K	3.4 ms	1,44 1 Mb/s	16 MB	New Q2 2007
	HUS153073VLS300	73 GB	3 Gb/s SAS	3.5"	15K	3.4 ms	1,44 1 Mb/s	16 MB	New Q2 2007
Ultrastar A7K1000	HUA721010KLA330	1 TB	SATA 3 Gb/s	3.5"	7,200	8.2 ms	1,070 Mb/s	32 MB	New Q2 2007
	HUA721075KLA330	750 GB	SATA 3 Gb/s	3.5"	7,200	8.2 ms	1,070 Mb/s	32 MB	New Q2 2007
	HUA721050KLA330	500 GB	SATA 3 Gb/s	3.5"	7,200	8.2 ms	1,070 Mb/s	32 MB	New Q2 2007
Ultrastar 15K147	HUS151414VL3600	147 GB	Ultra320 (68-pin)	3.5"	15K	3.7 ms	1,129 Mb/s	16 MB	NA
	HUS151414VL3800	147 GB	Ultra320 (80-pin)	3.5"	15K	3.7 ms	1,129 Mb/s	16 MB	NA
	HUS151414VLS300	147 GB	SAS	3.5"	15K	3.7 ms	1,129 Mb/s	16 MB	NA
	HUS151414VLF200	147 GB	2 Gb fibre channel	3.5"	15K	3.7 ms	1,129 Mb/s	16 MB	NA
	HUS151414VLF400	147 GB	4 Gb fibre channel	3.5"	15K	3.7 ms	1,129 Mb/s	16 MB	NA
	HUS151473VL3600	73 GB	Ultra320 (68-pin)	3.5"	15K	3.6 ms	1,129 Mb/s	16 MB	NA
	HUS151473VL3800	73 GB	Ultra320 (80-pin)	3.5"	15K	3.6 ms	1,129 Mb/s	16 MB	NA
	HUS151473VLS300	73 GB	SAS	3.5"	15K	3.6 ms	1,129 Mb/s	16 MB	NA
	HUS151473VLF200	73 GB	2 Gb fibre channel	3.5"	15K	3.6 ms	1,129 Mb/s	16 MB	NA
	HUS151473VLF400	73 GB	4 Gb fibre channel	3.5"	15K	3.6 ms	1,129 Mb/s	16 MB	NA
	HUS151436VL3600	36 GB	Ultra320 (68-pin)	3.5"	15K	3.3 ms	1,129 Mb/s	16 MB	NA
	HUS151436VL3800	36 GB	Ultra320 (80-pin)	3.5"	15K	3.3 ms	1,129 Mb/s	16 MB	NA
	HUS151436VLS300	36 GB	SAS	3.5"	15K	3.3 ms	1,129 Mb/s	16 MB	NA
	HUS151436VLF200	36 GB	2 Gb fibre channel	3.5"	15K	3.3 ms	1,129 Mb/s	16 MB	NA
	HUS151436VLF400	36 GB	4 Gb fibre channel	3.5"	15K	3.3 ms	1,129 Mb/s	16 MB	NA
	Deskstar™ E7K500	HDS725050KLA360	500 GB	SATA 3.0 Gb/s	3.5"	7,200	8.5 ms	817 Mb/s	16 MB
Deskstar 7K1000	HDS721010KLA330	1,000 GB	SATA 3.0 Gb/s	3.5"	7,200	8.5 ms	1,070 Mb/s	32 MB	New Q2 2007
	HDS721075KLA330	750 GB	SATA 3.0 Gb/s	3.5"	7,200	8.5 ms	1,070 Mb/s	32 MB	New Q2 2007
Deskstar T7K500	HDT725050VLA360	500 GB	SATA 3.0 Gb/s	3.5"	7,200	8.5 ms	998 Mb/s	16 MB	NA
	HDT725050VLAT80	500 GB	PATA 133 MB/s	3.5"	7,200	8.5 ms	998 Mb/s	8 MB	NA
	HDT725040VLA360	400 GB	SATA 3.0 Gb/s	3.5"	7,200	8.5 ms	998 Mb/s	16 MB	NA
	HDT725040VLAT80	400 GB	PATA 133 MB/s	3.5"	7,200	8.5 ms	998 Mb/s	8 MB	NA
	HDT725032VLA360	320 GB	SATA 3.0 Gb/s	3.5"	7,200	8.5 ms	998 Mb/s	16 MB	NA
	HDT725032VLAT80	320 GB	PATA 133 MB/s	3.5"	7,200	8.5 ms	998 Mb/s	8 MB	NA
	HDT725025VLA380	250 GB	SATA 3.0 Gb/s	3.5"	7,200	8.5 ms	998 Mb/s	8 MB	NA
HDT725025VLAT80	250 GB	PATA 133 MB/s	3.5"	7,200	8.5 ms	998 Mb/s	8 MB	NA	

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Hitachi Global Storage Technologies—Continued

Product Specifications ▶

Product	Model Number	Capacity	Interface	Form Factor	RPM	Seek Time	Max. Data Rate	Buffer	Other Information
Deskstar 7K160	HDS721616PLA380	160 GB	SATA 3.0 Gb/s	3.5"	7,200	8.5 ms	966 Mb/s	8 MB	NA
	HDS721616PLAT80	160 GB	PATA 133 MB/s	3.5"	7,200	8.5 ms	966 Mb/s	966 Mb/s	NA
	HDS721612PLA380	120 GB	SATA 3.0 Gb/s	3.5"	7,200	8.5 ms	966 Mb/s	966 Mb/s	NA
	HDS721612PLAT80	120 GB	PATA 133 MB/s	3.5"	7,200	8.5 ms	966 Mb/s	966 Mb/s	NA
	HDS721680PLA380	80 GB	SATA 3.0 Gb/s	3.5"	7,200	8.5 ms	966 Mb/s	966 Mb/s	NA
Deskstar 7K500	HDS721680PLAT80	80 GB	PATA 133 MB/s	3.5"	7,200	8.5 ms	966 Mb/s	966 Mb/s	NA
CinemaStar™ 7K1000	HCS721010KLA330	1000 GB	SATA 3.0 Gb/s	3.5"	7,200	14 ms	1,070 Mb/s	1, 070	New Q2 2007
	HCS721075KLA330	750 GB	SATA 3.0 Gb/s	3.5"	7,200	14 ms	1,070 Mb/s	32 MB	New Q2 2007
CinemaStar 7K500	HCS725050VLA380	500 GB	SATA 3.0 Gb/s	3.5"	7,200	14 ms	998 Mb/s	8 MB	NA
	HCS725050VLA380	500 GB	PATA 133 MB/s	3.5"	7,200	14 ms	998 Mb/s	8 MB	NA
	HCS725040VLA380	400 GB	SATA 3.0 Gb/s	3.5"	7,200	14 ms	998 Mb/s	8 MB	NA
	HCS725040VLA380	400 GB	PATA 133 MB/s	3.5"	7,200	14 ms	998 Mb/s	8 MB	NA
	HCS725032VLA380	320 GB	SATA 3.0 Gb/s	3.5"	7,200	14 ms	998 Mb/s	8 MB	NA
	HCS725032VLA380	320 GB	PATA 133 MB/s	3.5"	7,200	14 ms	998 Mb/s	8 MB	NA
	HCS725025VLA380	250 GB	SATA 3.0 Gb/s	3.5"	7,200	14 ms	998 Mb/s	8 MB	NA
	HCS725025VLA380	250 GB	PATA 133 MB/s	3.5"	7,200	14 ms	998 Mb/s	8 MB	NA
Travelstar™ 7K100	HTS721010G9SA00	100 GB	SATA 1.5 Gb/s	2.5"	7,200	10 ms	629 Mb/s	8 MB	NA
	HTS721010G9AT00	100 GB	PATA 100 MB/s	2.5"	7,200	10 ms	629 Mb/s	8 MB	NA
	HTS721080G9SA00	80 GB	SATA 1.5 Gb/s	2.5"	7,200	10 ms	561 Mb/s	8 MB	NA
	HTS721080G9AT00	80 GB	PATA 100 MB/s	2.5"	7,200	10 ms	561 Mb/s	8 MB	NA
	HTS721060G9SA00	60 GB	SATA 1.5 Gb/s	2.5"	7,200	10 ms	561 Mb/s	8 MB	NA
	HTS721060G9AT00	60 GB	PATA 100 MB/s	2.5"	7,200	11 ms	561 Mb/s	8 MB	NA
Travelstar 5K160	HTS541616J9SA00	160 GB	SATA 1.5 Gb/s	2.5"	5,400	11 ms	540 Mb/s	8 MB	New Q3 2006
	HTS541616J9AT00	160 GB	PATA 100 MB/s	2.5"	5,400	11 ms	540 Mb/s	8 MB	New Q3 2006
	HTS541612J9SA00	120 GB	SATA 1.5 Gb/s	2.5"	5,400	11 ms	540 Mb/s	8 MB	New Q4 2006
	HTS541612J9AT00	120 GB	PATA 100 MB/s	2.5"	5,400	11 ms	540 Mb/s	8 MB	New Q4 2006
	HTS541680J9SA00	80 GB	SATA 1.5 Gb/s	2.5"	5,400	11 ms	540 Mb/s	8 MB	New Q4 2006
	HTS541680J9AT00	80 GB	PATA 100 MB/s	2.5"	5,400	11 ms	540 Mb/s	8 MB	New Q4 2006
	HTS541660J9SA00	60 GB	SATA 1.5 Gb/s	2.5"	5,400	11 ms	540 Mb/s	8 MB	New Q4 2006
	HTS541660J9AT00	60 GB	PATA 100 MB/s	2.5"	5,400	11 ms	540 Mb/s	8 MB	New Q4 2006
	HTS541640J9SA00	40 GB	SATA 1.5 Gb/s	2.5"	5,400	11 ms	540 Mb/s	8 MB	New Q4 2006
	HTS541640J9AT00	40 GB	PATA 100 MB/s	2.5"	5,400	11 ms	540 Mb/s	8 MB	New Q4 2006
Travelstar 5K120	HTS541212H9SA00	120 GB	SATA 1.5 Gb/s	2.5"	5,400	11 ms	510 Mb/s	8 MB	NA
	HTS541212H9AT00	120 GB	PATA 100 MB/s	2.5"	5,400	11 ms	510 Mb/s	8 MB	NA
	HTS541210H9SA00	100 GB	SATA 1.5 Gb/s	2.5"	5,400	11 ms	510 Mb/s	8 MB	NA
	HTS541210H9AT00	100 GB	PATA 100 MB/s	2.5"	5,400	11 ms	510 Mb/s	8 MB	NA
	HTS541280H9SA00	80 GB	SATA 1.5 Gb/s	2.5"	5,400	11 ms	510 Mb/s	8 MB	NA
	HTS541280H9AT00	80 GB	PATA 100 MB/s	2.5"	5,400	11 ms	510 Mb/s	8 MB	NA
	HTS541260H9SA00	60 GB	SATA 1.5 Gb/s	2.5"	5,400	11 ms	510 Mb/s	8 MB	NA
HTS541260H9AT00	60 GB	PATA 100 MB/s	2.5"	5,400	11 ms	510 Mb/s	8 MB	NA	
Travelstar 7K200	HTS722080K9SA00	80 GB	SATA 1.5 Gb/s	2.5"	7,200	10 ms	876 MB/s	16 MB	New Q2 2007
	HTS722080K9A300	80 GB	SATA 3 Gb/s	2.5"	7,200	10 ms	876 MB/s	16 MB	New Q2 2007
	HTS722080K9SA00	80 GB	SATA 1.5 Gb/s	2.5"	7,200	10 ms	876 MB/s	16 MB	With encryption/new Q2 2007
	HTS722010K9SA00	100 GB	SATA 1.5 Gb/s	2.5"	7,200	10 ms	876 MB/s	16 MB	New Q2 2007
	HTS722010K9A300	100 GB	SATA 3 Gb/s	2.5"	7,200	10 ms	876 MB/s	16 MB	New Q2 2007
	HTS722010K9SA00	100 GB	SATA 1.5 Gb/s	2.5"	7,200	10 ms	876 MB/s	16 MB	With encryption/new Q2 2007
	HTS722012K9SA00	120 GB	SATA 1.5 Gb/s	2.5"	7,200	10 ms	876 MB/s	16 MB	New Q2 2007
	HTS722012K9A300	120 GB	SATA 3 Gb/s	2.5"	7,200	10 ms	876 MB/s	16 MB	New Q2 2007
	HTS722012K9SA00	120 GB	SATA 1.5 Gb/s	2.5"	7,200	10 ms	876 MB/s	16 MB	With encryption/new Q2 2007
	HTS722016K9SA00	160 GB	SATA 1.5 Gb/s	2.5"	7,200	10 ms	876 MB/s	16 MB	New Q2 2007
	HTS722016K9A300	160 GB	SATA 3 Gb/s	2.5"	7,200	10 ms	876 MB/s	16 MB	New Q2 2007
	HTS722016K9SA00	160 GB	SATA 1.5 Gb/s	2.5"	7,200	10 ms	876 MB/s	16 MB	With encryption/new Q2 2007
	HTS722020K9SA00	200 GB	SATA 1.5 Gb/s	2.5"	7,200	10 ms	876 MB/s	16 MB	New Q2 2007
	HTS722020K9A300	200 GB	SATA 3 Gb/s	2.5"	7,200	10 ms	876 MB/s	16 MB	New Q2 2007
HTS722020K9SA00	200 GB	SATA 1.5 Gb/s	2.5"	7,200	10 ms	876 MB/s	16 MB	With encryption/new Q2 2007	

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Hitachi Global Storage Technologies—Continued

Product Specifications ▶

Product	Model Number	Capacity	Interface	Form Factor	RPM	Seek Time	Max. Data Rate	Buffer	Other Information
Travelstar 5K250	HTS542580K9A300	80 GB	SATA 3 Gb/s	2.5"	5,400	11 ms	665 MB/s	8 MB	New Q2 2007
	HTS542580K9SA00	80 GB	SATA 1.5 Gb/s	2.5"	5,400	11 ms	665 MB/s	8 MB	New Q2 2007
	HTS542580K9SA00	80 GB	SATA 1.5 Gb/s	2.5"	5,400	11 ms	665 MB/s	8 MB	With encryption/new Q2 2007
	HTS542512K9A300	120 GB	SATA 3 Gb/s	2.5"	5,400	11 ms	665 MB/s	8 MB	New Q2 2007
	HTS542512K9SA00	120 GB	SATA 1.5 Gb/s	2.5"	5,400	11 ms	665 MB/s	8 MB	New Q2 2007
	HTS542512K9SA00	120 GB	SATA 1.5 Gb/s	2.5"	5,400	11 ms	665 MB/s	8 MB	With encryption/new Q2 2007
	HTS542516K9A300	160 GB	SATA 3 Gb/s	2.5"	5,400	11 ms	665 MB/s	8 MB	New Q2 2007
	HTS542516K9SA00	160 GB	SATA 1.5 Gb/s	2.5"	5,400	11 ms	665 MB/s	8 MB	New Q2 2007
	HTS542516K9SA00	160 GB	SATA 1.5 Gb/s	2.5"	5,400	11 ms	665 MB/s	8 MB	With encryption/new Q2 2007
	HTS542525K9A300	250 GB	SATA 3 Gb/s	2.5"	5,400	11 ms	665 MB/s	8 MB	New Q2 2007
	HTS542525K9SA00	250 GB	SATA 1.5 Gb/s	2.5"	5,400	11 ms	665 MB/s	8 MB	New Q2 2007
	HTS542525K9SA00	250 GB	SATA 1.5 Gb/s	2.5"	5,400	11 ms	665 MB/s	8 MB	With encryption/new Q2 2007
Travelstar 5K100	HTS541010G9SA00	100 GB	SATA 1.5 Gb/s	2.5"	5,400	12 ms	493 Mb/s	8 MB	NA
	HTS541010G9AT00	100 GB	PATA 100 MB/s	2.5"	5,400	12 ms	493 Mb/s	8 MB	NA
	HTS541080G9SA00	80 GB	SATA 1.5 Gb/s	2.5"	5,400	12 ms	493 Mb/s	8 MB	NA
	HTS541080G9AT00	80 GB	PATA 100 MB/s	2.5"	5,400	12 ms	493 Mb/s	8 MB	NA
	HTS541060G9SA00	60 GB	SATA 1.5 Gb/s	2.5"	5,400	12 ms	493 Mb/s	8 MB	NA
	HTS541060G9AT00	60 GB	PATA 100 MB/s	2.5"	5,400	12 ms	493 Mb/s	8 MB	NA
	HTS541040G9SA00	40 GB	SATA 1.5 Gb/s	2.5"	5,400	12 ms	493 Mb/s	8 MB	NA
	HTS541040G9AT00	40 GB	PATA 100 MB/s	2.5"	5,400	12 ms	493 Mb/s	8 MB	NA
	HTS541020G9AT00	20 GB	PATA 100 MB/s	2.5"	5,400	12 ms	493 Mb/s	8 MB	NA
Travelstar 4K120	HTS421212H9AT00	120 GB	PATA 100 MB/s	2.5"	4,200	11 ms	380 Mb/s	8 MB	NA
	HTS421210H9AT00	100 GB	PATA 100 MB/s	2.5"	4,200	11 ms	380 Mb/s	8 MB	NA
	HTS421280H9AT00	80 GB	PATA 100 MB/s	2.5"	4,200	11 ms	380 Mb/s	8 MB	NA
	HTS421260H9AT00	60 GB	PATA 100 MB/s	2.5"	4,200	11 ms	380 Mb/s	2 MB	NA
	HTS421240H9AT00	40 GB	PATA 100 MB/s	2.5"	4,200	11 ms	380 Mb/s	2 MB	NA
Travelstar E7K100	HTE721010G9SA00	100 GB	SATA 1.5 Gb/s	2.5"	7,200	10 ms	629 Mb/s	8 MB	NA
	HTE721010G9AT00	100 GB	PATA 100 MB/s	2.5"	7,200	10 ms	629 Mb/s	8 MB	NA
	HTE721080G9AT00	80 GB	PATA 100 MB/s	2.5"	7,200	10 ms	561 Mb/s	8 MB	NA
	HTE721060G9AT00	60 GB	PATA 100 MB/s	2.5"	7,200	10 ms	561 Mb/s	8 MB	NA
Travelstar E5K100	HTE541040G9SA00	40 GB	SATA 1.5 Gb/s	2.5"	5,400	12 ms	493 Mb/s	8 MB	NA
	HTE541040G9AT00	40 GB	PATA 100 MB/s	2.5"	5,400	12 ms	493 Mb/s	8 MB	NA
Travelstar C3K80	HTC368080H8CE00	80 GB	PATA 33 MB/s	1.8" slim	3,600	14 ms	288 Mb/s	128 KB	ZIF connector—new Q1 2007
	HTC368060H8CE00	60 GB	PATA 33 MB/s	1.8" slim	3,600	14 ms	288 Mb/s	128 KB	ZIF connector—new Q1 2007
	HTC368040H5CE00	40 GB	PATA 33 MB/s	1.8" slim	3,600	14 ms	288 Mb/s	128 KB	ZIF connector—new Q1 2007
	HTC368030H5CE00	30 GB	PATA 33 MB/s	1.8" slim	3,600	14 ms	288 Mb/s	128 KB	ZIF connector—new Q1 2007
Travelstar C4K60	HTC426060G9AT00	60 GB	PATA 100 MB/s	1.8"	4,200	15 ms	272 Mb/s	2 MB	2.5" connector
	HTC426060G8CE00	60 GB	PATA 100 MB/s	1.8" slim	4,200	15 ms	289 Mb/s	2 MB	ZIF connector
	HTC426040G9AT00	40 GB	PATA 100 MB/s	1.8"	4,200	15 ms	237 Mb/s	2 MB	2.5" connector
	HTC426040G8CE00	40 GB	PATA 100 MB/s	1.8" slim	4,200	15 ms	237 Mb/s	2 MB	ZIF connector
	HTC426030G5CE00	30 GB	PATA 100 MB/s	1.8" slim	4,200	15 ms	289 Mb/s	2 MB	ZIF connector
	HTC426020G5CE00	20 GB	PATA 100 MB/s	1.8" slim	4,200	15 ms	237 Mb/s	2 MB	ZIF connector

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