

Compatibility Summary

Hitachi Travelstar 5K1000

1TB, 6Gb/s SATA hard drives

Models:

HTS541010A9E680	HTE541010A9E680
HTS541075A9E680	HTE541075A9E680
HTS541064A9E680	HTE541064A9E680
HTS541010A9E681	
HTS541075A9E681	
HTS541064A9E681	



The Travelstar 5K1000 hard drives feature Advanced Format technology. Advanced Format increases the physical sector size on hard drives from 512 bytes to 4096 (4K) bytes, which increases drive capacities and improves error correction capabilities. Please consult the [Hitachi Advanced Format Drives](#) page for more information on using these drives.



Compatibility Testing

The Hitachi Global Storage Technologies Integration Lab tested this family of Travelstar™ drives for compatibility with a wide variety of systems and operating systems. Testing was to demonstrate compatibility with the following hardware and software. Other combinations of hardware and software are expected to function with this product family, but have not been evaluated.

Hitachi recommends you back up all data before installing your new hard drive.

USB-Attached Devices

These Travelstar products were found to be both interface and form-factor compatible with the following external USB-attached storage units.

- G-Tech G-DRIVE mobile
- G-Tech G-DRIVE mobile USB
- G-Tech G-DRIVE slim
- G-Tech G-RAID mini
- G-Tech G-Safe
- Hitachi LifeStudio Mobile
- Hitachi Touro Mobile
- Hitachi Touro Mobile Pro
- Hitachi Touro Pro USB 3.0
- Seagate GOFLEX

Systems & Motherboards

These Travelstar products were found to be compatible with the following systems &/or motherboards.

ACER Aspire 5741-N32D/K
 Apple iMac7,10 24"
 Apple MacBook Pro 17
 Apple MacBook Pro 15.4
 ASUS M4A88TD-M
 ASUS M4A88TD-M/USB3
 ASUS M4A89TD PRO
 ASUS M4A89TD PRO/USB3
 ASUS P5K-E
 Dell Latitude E6420
 Dell Optiplex 980
 Dell Precision M4600
 Dell Precision M6600
 Dell XPS L5112
 ECS H67H2-M
 Fujitsu LIFEBOOK PH74/CN
 GIGABYTE GA-880GMA-USB3
 GIGABYTE GA-990FXA-UD3
 GIGABYTE GA-H67A-USB3-B3
 GIGABYTE GA-Z68A-D3H-B3
 HP Compaq 6830s
 HP Compaq 8200 Elite CMT
 HP Elitebook 8460p
 HP Pavilion: dv2z, dv3t, dv3z & dv6z
 HP Pavilion: dm4 & dm4-2000
 HP Pavilion g6
 HP Pavilion Notebook PC dv6500/CT
 HP ProBook: 4720, 4720s & 6440b
 HP Touchsmart 610
 Intel Desktop Board DB65BL
 Intel Desktop Board DQ67OW
 Lenovo G570
 Lenovo Thinkpad Edge E420
 Lenovo Thinkpad R400
 Lenovo Thinkpad R500
 Lenovo Thinkpad T61
 Lenovo Thinkpad T61 TS

Lenovo Thinkpad T400
 Lenovo Thinkpad T410
 Lenovo Thinkpad T410i
 Lenovo Thinkpad T420
 Lenovo Thinkpad T500
 Lenovo Thinkpad T510
 Lenovo Thinkpad X60S
 Lenovo Thinkpad X61
 Lenovo Thinkpad X200
 Lenovo Thinkpad X200s
 Lenovo Thinkpad X201
 Lenovo Thinkpad Z60t
 Lenovo Thinkpad Z61m
 LuvBook LB-T501S
 LuvBook TW700S
 MSI 870A-G54
 MSI 890GXM-G65
 MSI Hetis 865G
 MSI P67A-G45
 MSI P965 Platinum
 MSI Z68MA-GD65
 NEC LaVie G Type S
 NEC LaVie L LL750 DS6B
 Samsung 300V5A
 Samsung NC110
 Samsung RF711
 Samsung SF311
 Sony VAIO PCG-41217
 Sony VAIO Type C
 Toshiba DynaBook Qosmio FX/77G
 Toshiba Qosmio T751

Host Controller Chipsets

These Travelstar products were found to be compatible with the following host controller chipsets, some of which may not be included in the above system list. (*Items marked with # are SATA 6Gb/s capable.*)

AMD 870G #
 AMD 880G #
 AMD 890FX #

Host Controller Chipsets (cont'd)

AMD 990X #
 AMD SB700
 AMD SB750
 AMD SB790
 AMD SB850 #
 AMD SB950 #
 Initio INIC-1606L
 Initio INIC-1607
 Initio INIC-1610L
 Intel 3 Series
 Intel 5 Series
 Intel 6 Series #
 Intel 6300ESB
 Intel 865G
 Intel 915GM Express
 Intel 945PM Express
 Intel GM45 Express
 Intel GM965 Express
 Intel H67 Express #
 Intel HM55 Express
 Intel HM57 Express
 Intel HM65 Express #
 Intel ICH5 family
 Intel ICH6 family
 Intel ICH7 family
 Intel ICH8 family
 Intel ICH9 family
 Intel ICH10 family
 Intel P35 Express
 Intel P67 Express #
 Intel P965 Express
 Intel Q67 Express #
 Intel QM57 Express
 Intel Z68 Express #
 JMicron JM20329
 JMicron JM20339
 JMicron JMB355
 JMicron JMB509
 JMicron JMB519
 JMicron JMS539

nVidia nForce 430
 nVidia nForce 590 SLI
 nVidia nForce 680i SLI MCP
 PLX Technologoy OXU3100
 PLX Technology OXUF934DSB
 PLX Technology OXUFS936DS
 Sunplus SPIF215A
 Sunplus SPIF225
 Sunplus SPIF225-QFP48
 Symwave SW631x

Operating Systems

The product was found to be compatible with the following operating systems.

DOS
 Linux Soft
 Mac OS X 10.6
 Microsoft Windows 7
 Microsoft Windows 7 32-bit
 Microsoft Windows 7 64-bit
 Microsoft Windows XP
 Microsoft Windows XP Home
 Microsoft Windows XP Pro
 Microsoft Windows XP 32-bit
 Microsoft Windows XP 64-bit
 Microsoft Windows Vista
 Microsoft Windows Vista 32-bit
 Microsoft Windows Vista 64-bit
 openSUSE Linux10.0
 PC DOS 7.0
 Ubuntu 7.10
 Ubuntu 8.04

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