

## Compatibility Summary

### Hitachi Travelstar 5K750

Models:

HTS547575A9E384	HTE547575A9E384
HTS547564A9E384	HTE547564A9E384
HTS547550A9E384	HTE547550A9E384
HTS547575A9E381	
HTS547564A9E381	
HTS547550A9E381	



The Travelstar 5K750 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 hard drives.

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## Compatibility Testing

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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.

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## USB-Attached Devices

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

G-Tech USB/FW/ESATA Case

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## Systems

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These Travelstar products were found to be compatible with the following notebooks.

ACER Ferrari 11000  
 Apple Mac Book  
 Apple Mac Pro  
 ASUS P7P55  
 Compaq 610 Notebook PC  
 Compaq Presario CQ60-200 Notebook PC series  
 Dell Alienware m15x  
 Dell Inspiron 15G/1546  
 Dell Latitude: 2110, D630, E4300 & E6400  
 Dell Opti FX160  
 Dell Optiplex 960  
 Dell Precision 390 & M6400  
 Dell Studio 1647  
 Dell Studio XPS: 16/1647 & 1640  
 Dell Vostro 2510  
 Gateway Nx100x  
 HP 2133 Mini-Note PC  
 HP 5101 Mini  
 HP Compaq Notebook PC:  
   6535b, 6710b, 6730s, 6735b, 6830s,  
   6910p, nc4400, nc6320,nc6400, nx6310,  
   nx7400 & nx9420,  
 HP Compaq nw8440 Mobile Workstation  
 HP Compaq nw9440 Mobile Workstation  
 HP EliteBook Notebook PC: 6930p & 8530p  
 HP EliteBook 8540w Mobile Workstation  
 HP G70-200 Notebook PC series  
 HP HDX X16-1200 Premium Notebook PC series  
 HP Mini PC series: 110-1000 & 210-1000  
 HP Pavilion Entertainment Notebook PC Series:  
   dm3-1100, dv2-1100, dv2500, dv2700,  
   dv3-2000, dv4-1400, dv6-2100, dv7-1000,

dv7-1400 & dv7-2000

HP Pavilion Entertainment Notebook PC:  
 dv6400, dv9500 & tx2500

HP Pavilion Notebook PC series: dv1000,  
 dv5000 & dv8000

HP ProBook Notebook PC: 4510s, 5310m &  
 6440b

HP Touchsmart tx2-1000 Notebook PC series  
 Lenovo Ideapad S12

Lenovo Thinkpad Series: T, R & X

Lenovo Thinkpad Edge

Toshiba Tecra M4-S435

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## Host Controller Chipsets

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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. Users of Intel AHCI & RAID SATA controllers are encouraged to use a version of Intel's AHCI/RAID driver compatible with Advanced Format drives. This driver can be loaded during the Windows installation process

AMD SB600 family  
 AMD SB700 family  
 AMD SB800 family  
 Intel ICH6 family  
 Intel ICH7 family  
 Intel ICH8 family  
 Intel ICH9 family  
 Intel ICH10 family  
 Intel PCH11M  
 Intel 5 Series  
 JMicron JM20329  
 JMicron JMB519  
 NVIDIA nForce 700 family  
 NVIDIA MCP78  
 NVIDIA MCP68  
 Oxford OXUF934DSL-LQAG  
 SiS 968 family  
 Symwave SW631x  
 VIA 896

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## Operating Systems

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

Mac OS 10.5/10.6

Microsoft Windows XP

Microsoft Windows XP SP2 & SP3

Microsoft Windows Vista \*

Microsoft Windows Vista x86 & x64 \*

Microsoft Windows 7 \*

Microsoft Windows 7 x86 & x64\*

Slax Linux

**Note:** \* Windows 7 users of Advanced Format drives are encouraged by Microsoft (and Hitachi) to apply Microsoft hotfix KB982018. Be careful to note that this hotfix number is very similar to a related older and less-complete hotfix KB981208.

Windows 7 and Windows Vista SP1+ may fail to install on Advanced Format drives. The problem is a lack of tolerance for drives that report themselves as Advanced Format drives in Identify Device words 106 & 209. The symptom is a Windows installation message to the effect of "cannot continue installation." Advanced Format drives that do not identify themselves as such do not appear to be affected. This is a known Microsoft bug, and Microsoft has identified two workarounds.

- Use latest vendor-specific SATA drives from Intel (see above), AMD, NVIDIA, etc. during Windows installation
- Slipstream KB982018 hotfix into Win7 installation media prior to Win7 installation

Regardless of the method used to work around the Windows installation problem, if any such workaround is needed, it is still recommended to apply hotfix KB982018 (if Win7) and up-to-date SATA controller drivers.

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