

Compatibility Summary

Hitachi Deskstar 7K1000.D &
Deskstar 5K1000.B

Models:

Deskstar 7K1000.D

HDS721010DLE630
HDS721075DLE630
HDS721050DLE630
HDS721032DLE630
HDS721025DLE630

Deskstar 5K1000.B

HDS5C1010DLE630



The Deskstar 7K1000.D & 5K1000.B hard drives feature Advanced Format technology. Advanced Format increases the physical sector size on hard drives from 512 bytes to 4096 (4K) bytes, which increased drive capabilities and improves error correction capabilities. Please consult the Hitachi Advanced Format Drives page for more information on using these hard drives.

Compatibility Testing

The Hitachi Global Storage Technologies Integration Lab tested this family of Deskstar™ 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 Deskstar products were found to be both interface and form-factor compatible with the following external USB-attached storage units.

G-Technology G-Drive Q
G-Technology G-Safe
G-Technology G-Speed es
G-Technology G-Speed Q
Hitachi Reno (XL Desk Drive Series)
Hitachi Life Studio Desk Series
Hitachi Touro Desk Series

Systems and Motherboards

These Deskstar products were found to be compatible with the following systems.

ACER Aspire M5100
 ACER Aspire X1200
 ACER Veriton M261
 ACER Veriton M460
 ACER Veriton M661
 Apple Mac Pro 4 (MC560LL / A)
 Apple iMac 9
 Apple iMac 10
 Apple iMac 11
 Apple Time Capsule
 ASUS M4A89GTD PRO- USB3
 ASUS P5G41T-M
 ASUS P5N7A-VM
 ASUS P7Q57-M DO
 ASUS Rampage III Gene
 ASUS 790i Striker II NSE
 ASUS X58 Rampage III Gene
 BIOSTAR TForce TA790GX Xfire A2+5.x
 BIOSTAR TForce TF720 A2+ 6.x
 BIOSTAR TForce TP45HP P45 Xfire
 Dell Inspiron 560
 Dell Inspiron 580
 Dell Inspiron Desktop 531s
 Dell Inspiron Desktop 560
 Dell Inspiron One 19
 Dell Inspiron One 1909
 Dell Inspiron One 2205
 Dell Inspiron One 2310
 Dell Xps Dimension One A2420
 Dell OptiPlex 980
 Dell OptiPlex 740
 Dell Precision T5500 Workstation
 Dell Vostro 230
 Dell XPS 210
 Dell Studio XPS 7100
 ECS NF650iSLIT-A (nVidia nForce 650i)
 eVGA nForce 790i SLI FTW
 Gateway DX4200-UB001A
 Gateway DX4320-09

Gateway DX4710-05
 Gateway FX6800-01e
 Gateway FX6840-21
 Gigabyte GA890FXA-UD5
 Gigabyte GA-H55M-USB3
 Gigabyte GA-P35-DQ6
 HP Compaq Touchsmart IQ506
 HP Compaq 505B MT
 HP XW9400 Workstation
 Intel DP55KG
 Intel DP55WB
 Intel DQ45EK
 Intel TG Dreamsys
 Lenovo ThinkCentre M50
 Lenovo ThinkCentre M51
 Lenovo ThinkCentre M55
 Lenovo ThinkCentre S50
 Lenovo ThinkCentre S51
 MSI 890GXM-G65
 MSI P55 – GD65
 MSI P7N Diamond (NVIDIA nForce 780i SLI)
 MSI P7N SLI Platinum (NVIDIA nForce 750i)
 Sony VAIO VGC-LT31N
 Sony VAIO VGC-RC210G
 Sony VAIO VGC-JS110J
 VIA VT8435B
 ZOTAC GeForce 9300

Host Bus Adapters (HBAs)

These Deskstar products were found to be compatible with the following HBAs.

3Ware 9500
 Adaptec RAID 2405
 Areca ARC-1200
 Areca ARC-1220
 HighPoint RocketRAID 1740
 HighPoint RocketRAID 3320
 HighPoint RocketRAID 4320
 HighPoint RocketRAID 62x
 LSI MegaRAID SAS 9260-8i
 Promise SuperTrak EX8350
 Promise FastTrak TX2300

Host Controller Chipsets

These Deskstar products were found to be compatible with the following host controller chipsets, some of which may not be included in the above system list.

3Ware 7000 Series
 3Ware 8000 Series
 Adaptec AAC-xxx
 AMD A75, A55, & A45 (Hudson Dx)
 AMD A70M, A60M, & A50M (Hudson-Mx)
 AMD SB600 family
 AMD SB700 family
 AMD SB800 family
 Initio INIC - 1606L
 Intitio INIC - 1610L
 Initio INIC – 1611L
 Initio INIC – 1615
 Intel 5 Series / 3400 Series
 Intel 6 Series (Cougar Point)
 Intel 82Q965 Express
 Intel ICH7 Family
 Intel ICH8 / 8M / 8M-E / 8R Family
 Intel ICH9 / 9R / Family
 Intel ICH10 Family
 JMicron JM20329
 JMicron JM20339
 JMicron JMB519
 Marvell 88SE6145
 Marvell 88SE61xx
 Marvell 88SE9123
 Marvell 88SE912x
 Marvell 88SE91xx SATA 6G
 NVIDIA GeForce 7100 / nForce 630i
 NVIDIA MCP51 (IDE & SATA)
 NVIDIA MCP55
 NVIDIA MCP61
 NVIDIA MCP73
 NVIDIA MCP78 / GeForce 8200
 NVIDIA MCP79
 NVIDIA MCP89
 PLX Technology OXUF934DSB

PLX Technology OXUFS936QSE
 Promise 20771 (Fast Trak TX2300)
 Promise PCD40718 (SATA 300 TX4)
 Silicon Image Sil 3726CBHU
 SiS SATA (96x IDE)
 SunPlus SPIF215
 SunPlus SPIF225 - QFP48
 Symwave SW6313-QN USB3
 VIA VT6420 & VT6421 (SATA RAID)

Operating Systems

These products was found to be compatible with the following operating systems.

FreeDOS 1.0 32 bit
 Mac OS 10.5 & 10.6
 Microsoft Windows XP
 Microsoft Windows XP – 32bit
 Microsoft Windows XP SP3 32bit
 Microsoft Windows XP SP3 64bit
 Microsoft Windows Vista
 Microsoft Windows Vista SP2 32bit
 Microsoft Windows Vista SP2 64bit
 Microsoft Windows Vista x86 & x64
 Microsoft Windows 7
 Microsoft Windows 7 – 32bit
 Microsoft Windows 7 – 64bit
 Microsoft Windows 7 RTM 32bit
 Microsoft Windows 7 RTM 64bit
 Microsoft Windows 7 x86 & x64
 Slax Linux 32bit

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