

HITACHI

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Compatibility Summary

Deskstar 7K400

ATA/IDE

HDS724040KLAT80



Compatibility

The Hitachi Storage Integration Lab tested this family of Deskstar drives for compatibility with a wide variety of systems, Host Buss Adaptor cards, 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 Global Storage Technologies recommends you back up all data before installing your new hard drive.

Systems

Apple Power Mac G4
Power Mac G5
Power Mac G5

HP d530 hp Compaq CMT (DG061A#ABA)
EVO D300 Convertible 470023-466
EVO D300v Microtower 281117-001
EVO D315
EVO D500 Desktop 470021-670
EVO W4000 SFF 253797-B21
EVO W6000 470031-243
EVO W8000 470031-353
Presario 4400US 470031-839
Presario 5900Z (2 of 2)
Presario 6024 470033-291
Presario 8000 261317-999

DELL Dimension 2100
Dimension 2300
Dimension 2350
Dimension 2400
Dimension 4100
Dimension 4300
Dimension 4550
Dimension 4600
Dimension 8200
Dimension 8300 (Shepard)
Dimension XPS / 9000 (Mulder)
Dimension XPS / GEN 2

Optiplex GX260
Optiplex GX270
Optiplex GX50
Optiplex GX60
Poweredge 400SC
Poweredge 500SC
Precision WS 350
Precision WS 360
Precision WS 360
Precision WS 450
Precision WS 530
Precision WS 650

eMachines T 2542 03288
T 2682 02647
T 2682 02805
T 2825 10630
T 2825 10635
T 2865 05252
T 2865 05258

Gateway E-3600 Deluxe (Kittyhawk)
Select 1000
Select
Select
(Monterrey)

IBM Eserver
NetVista 30Z "Yellowtail"
Netvista A21i "Unity"
Netvista A60i "Razor"
PC 6026-99Z "Bluestreak"
THINK/centre 8185-20Z
THINK/centre 8183-ABU
Thunderbird

Micron Millennia Max XP (Aurora)
M/B Abit IS7-G
IT7-MAX II
KV8-MAX3
NV7-133R
TH7

M/B Albatron K8X800 PRO II

M/B AOpen AX4B-533

M/B Asus
A7M266-D
P4B266
P4C800 Deluxe-UAY

P4S8X
SK8N

M/B FIC
AD 11
AT31
AU13 MAX

M/B Gigabyte
8INXP
GA-7IX
GA-8I3 533
GA-8TX

M/B Intel
D845 GBV
D845 PE BT2
D865PERL

M/B MSI
645E MAX2
865 PE NEO2 FISR
K7N420 Pro
KT4 Ultra-SR

M/B Soyo SY-P4X400

M/B Supermicro X5DAL-TG2

IBM Aptiva 2162-B97
IBM Aptiva-E 2255-1J7
IBM 6898-22J / 46J
IBM Netvista 6339-B6J
IBM Netvista 6844-JA1 / 6844-SBJ
IBM NetVista 30Z
IBM PC300GL
IBM ThinkCentre

Adapter and RAID Controllers

Acard
AEC 6890
ATP867-A

Adaptec
1210SA***
2410 SA
29160 to Promise Ultra Trak

Highpoint
HPT 374
RocketRaid 1520

Intel
SRCS14L

ICP
Vortex GDT8546RZ

MegaRAID
150-6
150-2

Promise Carmel Beta board
FastTrak 5150
FastTrak
FastTrak S150 SX4
FastTrak S150/TX2 Plus
FastTrak S150/TX4
FastTrak TX4

SIIG

55902
B 3112LP SATA 150 Rev C
SAT 212
SC SA212
SC SAT E/12

Silicon Image
SI 3112A
SI 3112r

VIA
8237
VT6420 RAID
VT8170C

Enclosure/Controllers RAID Config

Lapis Data Pac 50001	PATA
Pact Informatique SIVY SA-8600	SATA
Apple P85	SATA
Promise RM 15200	SATA
Promise RM 15100	SATA
Snap Appliance 12000	PATA
Zentra Arena EX2PATA	
VT8235	
VT8237	
VT82C686/A/B/ VT8233A	

Operating systems

DOS
DOS 7.1
Mac OS 9.2*
Mac OS 10.2
Mac OS 10.3
RedHat Linux 7.2**
RedHat Linux 9.0 **
S.u.s.e Linux v.8.2**
Windows 2000
Windows 2003
Windows XP Home
Windows XP Professional

Chipsets and System Boards

Intel
810/E
815/D
820
845D/E/G/GL/GV/PE
850/E
860, 865/G/P/E
875P
E7205, E7505
82801AA
82801DB
82801EB
82801ER
ICH4/ICH5/ICH5R

AMD
750

751
760MPX
756AC
768AC

Lucent
Lucent

Nvidia
Nforce2/MCP/D

Serverworks
SB7440
645DX
648
651
961
963

Via
Apollo KT400
Apollo KX133
Apollo K8T800
Apollo P4X400
VT8235
VT8237
VT82C686/A/B

Master / Slave operation

Correct operation of the drive was tested using the UK SIT MAST simulator. This verified ATA compliance across the range of permitted timings for PDIAG & DASP that could be encountered when the drive is integrated with storage devices from other manufacturers. Both Hard Resets and Power on Resets were tested. The drive was tested in both the master and slave position.

General notes

- * Mac OS of 10.2 or greater required for >137GB support.
- ** Linux driver support required for SATA capability
- *** Please use Adaptec website for latest drivers.

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Produced in the United States

10/06

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27 October 2006