

HITACHI

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Compatibility Summary

Deskstar 7K500

SATA & ATA/IDE

HDS725050KLAT80

HDS725050KLA360



Compatibility

The Hitachi Storage Integration Lab tested this family of Deskstar drives for compatibility with a wide variety of systems, Host Bus 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.

SATA Systems and cards

3Ware

Escalade 9500S-12

Escalade 9500S-8

Abit

IC7-Max3 (Intel 875P)

IC7-Max3 (Sil3114)

IS7-G (Intel ICH5R)

IS7-G (Sil3112)

IT7-Max2 (Highpoint HPT374)

KV8-Max3(Sil314)

Adaptec

AAR-1210SA

AAR-2410SA

AAR-2810SA

Apple

Power Mac G5

ASUS

P4C800 Deluxe (Promise 378)

P4C800-E Deluxe

P4C800

P4SSX

Broadcom

BC4452

BC4852

DELL

Dimension 4600

Dimension 4700C

Dimension 8200

Dimension 8300

Dimension 8400

Dimension XPS / 9000

Dimension XPS / GEN 2

Optiplex 170L

Optiplex GX260

Optiplex GX270

Optiplex GX50

Optiplex GX60

Poweredge 400SC

Poweredge 700

Precision WS 370

Precision WS 470

Precision WS 670

Gigabyte

GA-SINXP

Highpoint

RocketRaid 1520

RocketRaid 1640

RocketRaid 1820

HP

Compaq d330

Compaq d530 CMT

IBM

KCX1LRM

KLNFG5V

Intel

D845 PE BT2
D865PERL
D875 PBZ LK
SRCS14L

LSI Logic

MegaRAID SATA 150-4
MegaRAID SATA 150-6
SAS3040X

Marvell

MV88SX6801-PCI
SABR2000H

MSI

865PE
865PE Neo 2 FISR
KT4 Ultra-SR

Promise

FastTrak S150 SX4
FastTrak S150 TX2
FastTrak TX2200
FastTrak TX2300
FastTrak TX4200
SATA II 150 SX8
SATA II 150 TX2 Plus
SATA II 150 TX4

SIIG

SC-SAT212
SC-SATC12
SC-SATG11

Silicon Image

3124
3512

Supermicro

7033A-T
7033A-T

Tekram

ARC-1120
ARC-1220

PATA Systems and cards

3Ware

Escalade 7410
Escalade 7450
Escalade 7500-8
Escalade 7506-8

Abit

IC7-Max3
IS7-Max2
IT7-Max2
NV7-133R
SR7-8X

ACARD

AEC-6880
AEC-6895S

Albatron

K8X800 Pro II

Aopen

AX4B-533

Apple

Power Mac G3
Power Mac G4

Asus

A7M266-D
P4B266
P4P800
P4S8X
SK8N

Compaq

D500 Ultra Slim
EVO D300 Convertible
EVO D300 Minitower
EVO D315
EVO D500 Desktop
EVO D500 SFF
EVO D510 E-PC
EVO W4000 DDR
EVO W4000 DDR
EVO W6000
EVO W8000
IPAQ Legacy Free
Presario
Presario 4400US
Presario 6024
Presario 8000

Dell

Dimension 2400
Dimension 3000
Dimension 4300
Dimension 4550
Dimension 4600
Dimension 4600C
Dimension 8200
Dimension 8300
Dimension XPS / 9000
Dimension XPS / Gen2
Optiplex 170L
Optiplex GX150
Optiplex GX240
Optiplex GX270
Optiplex GX50
Optiplex GX60
Poweredge 300
Poweredge 500SC
Precision 330
Precision 340
Precision 530
Precision WS350
Precision WS670
WS 360
XPS Gen 3

Emachines

T2542
T2682
T2825
T2865

FIC

AT31
AU13

Gateway

Select
Select 1000

Gigabyte

GA-8IE 533
GA-8GNXP
GA-8INXP
GA-8TX

Highpoint

Rocket 100
RocketRAID 404

HP

Pavilion

HP/Compaq

D330 slim tower
D530 CMT
D530 SFF

IBM

300GL
KCX1LRM
KLNFG5V
Netvista 30Z

Intel

845 GBV
D845 EBG2
D845 PE BT2
D865 PERL
D875 PBZ LK

LSI Logic

Mega RAID ATA 133

Micron

Millennia Max XP

MSI

K7N420
KT4 Ultra-SR

Pacific Digital

DS4100

Promise

FastTrak 100
FastTrak 100 TX2
FastTrak 100LP
FastTrak S150 TX2
FastTrak TX2000
FastTrak TX4000
SATA II 150 TX2 Plus
Ultra 100
Ultra 133 TX2

SIIG

SC-SATAE12
SC-SATE12

Soyo

SY-P4X400

Supermicro

P4STA
SuperWorkstation 7033A-T

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

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

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