

HITACHI

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Compatibility Summary

Deskstar 7K160

SATA & PATA

- HDS721616PLAT80
- HDS721612PLAT80
- HDS721680PLAT80
- HDS721616PLA380
- HDS721680PLA380
- HDS721612PLA380

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.

SATA Systems and Cards

Adaptec

Adaptec onboard

ATI

- ATI ID5A33
- ATI SB400
- ATI SB450

ICH5

- 82801EB
- 82801ER

ICH6

- 82801FB
- 82801FBM
- 82801FR

ICH7

- 82801GB
- 82801GDH
- 82801GHM
- 82801GR

ICH8

- ICH8

Intel

- 6300ESB

nForce

- nForce 410
- nForce 430
- nForce Pro 2200
- nForce3
- nForce4
- nForce4 Intel Edition
- nForce4 SLI
- nForce4 Ultra

Promise

- PDC20376
- PDC20378

Silicon Images

- Si3112
- Si3112A
- Si3114
- Si3132

SIS

- SIS 962UA
- SIS 964
- SIS 965L
- SIS 966

ULI

- ULi [M1689](#)
- ULi M1689

VIA

- VT8237A¹
- VT8237R
- VT8251

¹ Drive works at 1.5Gb/s due to known VIA issue

PATA Systems and Cards

Adaptec

Adaptec onboard

ATI

ATI ID5A33

ATI SB400

ATI SB450

Highpoint

HPT372

ICH1

82801AA

ICH2

82801BA

ICH4

82801DB

ICH5

82801EB

82801ER

PDC20378

ICH6

82801FB

82801FBM

82801FR

ICH7

82801GB

82801GDH

82801GHM

82801GR

Intel

6300ESB

82371AB/EB

ITE

IT8212F

nForce

nForce 410

nForce 415D

nForce 430

nForce Pro 2200

nForce2

nForce3

nForce4

nForce4 Intel Edition

nForce4 SLI

nForce4 Ultra

PDC20376

Other

AMD 768

Promise

PDC20376

PDC20378

Serverworks

Serverworks

SIS

SIS 962UA

SiS 963

SIS 964

SiS 965L

SIS 966

ULI

ULi M1689

VIA

VIA 6410

VT8235

VT8237A²

VT8237R

VT8251

²PATA drives work correctly at all speeds

Operating Systems

MacOS 9

MacOS X

Linux Variations

DOS Variations

Windows 2003 Server SP1

Windows Vista Beta

Windows 2000 SP4

Windows XP (No SP)

Windows XP SP1

Windows XP SP2

General Notes

- 1) No major SATA/PATA compatibility exceptions or noted conditions to report existed at the time of this report.
- 2) Not every possible system/OS/test/adapter combination was covered during test.
- 3) Noted chipset issues while running at 3Gb/s are as follows:
 - VIA 8237A chipset does not work at 3Gb/s
 - Marvell Gen 1 series core (88i8030, 88SX50XX, etc.) issue with 3Gb/s
 - Sierra Logic SR-1216 chipset issue with 3Gb/s

These issues are understood by their respective vendors and white papers or explanations are available.

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