

IBM OEM Storage Product Integration Information

DTNA 21440/21800/22160 IDE Hard Drives

COMPATIBILITY

Combinations of System BIOS, Interface circuitry, Operating System, and Device Drivers, can affect the ability of storage devices to function correctly. To minimise potential problems of this kind IBM has verified connection and successful operation of this product with a range of Systems and Operating Systems. These are listed below.

Systems

ACER AcerNote Light P/100
AST Ascentia 910N
COMPAQ LTE 5300 P/133
COMPAQ Elite 4/40C
DELL Latitude Xpi ##
DELL Optiplex GXPro
GATEWAY 2000 P5/166
GATEWAY 2000 Solo P120
GATEWAY 2000 Solo P150
HP Omnibook 4000C
MANOR DK4green751
NEC Versa 4050C
TEXAS INSTRUT. TM5100
TOSHIBA Tetra 700CT
VOBIS Module Note II
VOBIS Le Book

System BIOS

Acer (01/01/94)
AMI (11/29/95)
Compaq BIOS (07/19/96)
Compaq (03/28/96)
Phoenix (04/19/90)
Phoenix (08/31/95)
Phoenix (10/06/95)
Phoenix (04/26/96)
Phoenix BIOS Ver 4.04 (R1.12)(07/01/96)
Phoenix (07/15/96)
Phoenix BIOS Ver 4.04 (10/24/96)
SystemSoft BIOS v1.01 (R1.10)
SystemSoft (12/23/94)
Toshiba (11/07/95)

Operating System

MS DOS v6.22 & v6.0
PC DOS v7.0
OS/2 WARP
OS/2 WARP V3.0
OS/2 MERLIN Beta
SCO Open Desktop v3.0
Windows v3.1
Windows for Work Groups v3.11
Windows NT Workstation v3.5
Windows NT Workstation v3.51
Windows NT Workstation v4.0 Beta
Windows NT Workstation v4.0

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Windows 95

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Master / Slave Operation

The drive family has been integrated with the following hard drives:

Hard Disk Drives

IBM DMCA-2xxxx

IBM DCRA-2xxxx

TOSHIBA MK1301MAV

TOSHIBA MK2101MAN

ATAPI Devices

SONY CDU55E (CD ROM)

MITSUMI FX 400 (CD ROM)

N.B. The location of the mounting screws for the DTNA 2xxxx has changed with respect to previous IBM 2.5" models, and some mounting brackets may need to be modified or replaced to reflect this.

* It was necessary to short stroke the drive from 4200 to 4095 cylinders to overcome a BIOS 2GB barrier limitation.

** When integrating this product into the Compaq LTE Elite 4/40C notebook, MS Windows 3.11 should not be used. This is because the operating system and the notebook are incompatible, the DTNA-2xxxx is not responsible. This notebook is now obsolete.

If this notebook is fitted with a Dell CD-ROM drive DTNA-xxxxx will not function correctly. The symptom being "Write Errors". This is due to high input capacitance presented by CD-ROM.