

IBM OEM Storage Product Integration Information

DCAA-34330 & DCAA-33610 IDE Hard Drives

COMPATIBILITY

Combinations of System BIOS, Interface Adapters, Operating Systems, 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, Adapters and Operating Systems. These are listed below.

| | |
|----------------------------|--------|
| Dell DX266 | DX2-66 |
| Dell GXL 5166 | P5-166 |
| Dell P6-200 | P6-200 |
| Dell Optiplex Gyro | P6-180 |
| Epson AT6500 | P5-166 |
| Gateway 2000 | P5-133 |
| Gateway 2000 | P5-200 |
| Gateway 2000 | P6-200 |
| Midwest Micro Elite | P5-90 |
| Packard Bell Legend 836CDT | P5-100 |
| SNI Primergy 550 | P5-133 |

Systems and System Boards

System boards

| | |
|----------------------|--------|
| Acer AP 53 | P5-166 |
| Anco PT5 PCI | P5-133 |
| Asus P/I-P55T2P4 | P5-166 |
| Asus P/I-P6NP5 | P6-200 |
| Asus SP3AV | P5-133 |
| DFI G5860PA | P5-120 |
| FIC PA-2005 | P5-166 |
| Gigabyte GA586ATM | P5-166 |
| Intel Atlantis | P5-133 |
| Intel Marl | P6-166 |
| Micronics M54Hi PCI | P5-166 |
| Micronics M54Hi Plus | P5-166 |
| Microstar S12 | P5-90 |

Systems

| | |
|-------------------------|--------|
| Acer Power 450dvp | P5-100 |
| Apple Performa 6400/180 | |
| AST Bravo | P6-150 |
| AST Premmia GX | P5-133 |
| Compaq Deskpro 5166 | P5-166 |
| Compaq | P6-150 |

System Board Chipsets

| | |
|-------|---|
| ALI | M151x |
| OPTI | 82C556, 82C557, 82C558 |
| SiS | 85C503, 85C501, 85C502 (Winbond W83769F IDE) |
| SiS | 551X |
| Intel | 430FX/82371FB |
| Intel | 430HX/82371SB |
| Intel | 440FX/82371SB |
| Intel | 430NX |
| Intel | 430TX/82371AB (Tested at 3.3V) |
| VIA | Apollo 580VP |

The DCAA-3XXXX drive has also been tested with DMA drivers for these chipsets where available at the time of testing.

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System Board BIOS

See Drive Capacity issues.

| | |
|----------------------------|--------------|
| AMI A778 052695 | (10/10/94) |
| AMI A03 | |
| AMI 1.00.01.CH0 | |
| AMI 1.00.03.CI0 | |
| AMI 1.00.03.DB0 | |
| AMI 100.04.CL0 | (11/21/95) |
| AMI 1.00.04.CS1T | |
| AMI 1.00.05.BR0T | |
| AMI 1.00.06.CY1T | |
| AMI 1.00.06.CG0 | |
| AMI 1.00.12.BB0R | |
| AMI DMI v2.0 | (24/8/95) |
| AST 3.01 | |
| Award v4.50G | |
| Award v4.50 PG | (5/16/95) |
| Award v4.50 PG | (8/18/95) |
| Award v4.50 PG | (4/5/96) |
| Award v4.51 PG | (5/17/96) |
| Award v4.52 PG | (7/17/96) |
| Compaq | (11/29/95) |
| Phoenix 1.10A00 | |
| Phoenix v4.04 rev 1.02.873 | (2/19/96)*2 |
| Phoenix v4.04 M54Hi-06P | (12/19/95)*2 |
| Phoenix v4.05 | *2 |
| Phoenix Plus v1.10A17 | |

Operating Systems

MS DOS v6.22 & v6.0
PC DOS v7.0
Novell Netware v4.1
OS/2 v3.0 (WARP) *3

SCO Open Desktop v3.0
SCO Open Server v5.0
Windows NT Workstation v3.51
Windows NT Workstation v4.0
Windows for Work Groups v3.11
Windows 95

Master / Slave Operation

The drive family has been integrated in both Master and Slave modes with the following hard drives:

| | |
|---------|----------------------|
| Quantum | Scirocco |
| Seagate | ST566A |
| Western | Digital Caviar 32500 |

ATAPI CD-ROMS

| | |
|---------|----------------------|
| Aztech | CDA 668-011 |
| Aztech | CDA 468-021 |
| Imes | |
| Momitsu | CDM-H082 |
| Mitsumi | CRMC FX001 IDE |
| Samsung | CD-Master 8E SCR-830 |
| Teac | CD-56EK |
| Vuego | 66 51 004 (Acer) |
| Toshiba | XM5602B |
| Wearnes | CD0820 |

IBM OEM Technical Support

DCAA_COM

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Drive Capacity

Ontrack Disk Manager v7.09 utility software has been successfully used to allow full drive capacity in systems that will not support drives of this capacity.

- *1 Some BIOS's have a 4.22 GB Capacity limitation for EIDE drives. See Hints and Tips document for DCAA-3XXXX.
- *2 There are known problems when DCAA-34330 & DCAA-33610 drives are integrated into machines with Phoenix v4.0x BIOS. See Hints and Tips document for DCAA-3XXXX drives.
- *3 There are known limitations when OS/2 Warp v3.0 is installed onto the DCAA-34330 drive. The problems are detailed in the Hints and Tips document for DCAA-3XXXX drives.

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