

NEXTSTEP for Intel Processors Tested Compatible System

Title: IBM PC 365
Last Updated: September 17 1996

Product Vendor: IBM Corporation
3039 Cornwallis Rd.
RTP, NC 27958

Explanation of Compatibility Testing

NEXTSTEP Compatible systems are tested by third parties using a test procedure developed by NeXT. NeXT approves the use of the "NEXTSTEP Compatible" designation for these systems based on the completeness of the test results submitted by these NeXT-trained 3rd parties.

For more detailed information on the NICE program, please refer to NeXTanswers document 1903_Compatible_Systems_Testing_With_NEXTSTEP.rtf

Note: NeXT accepts no support responsibilities or liability whatsoever for any system authorized to use the "NEXTSTEP Compatible" designation, nor does NeXT

represent that their test procedures or training--even if followed exactly by the 3rd party performing the test work--are in any way complete or exhaustive. Known or unknown errors may be present in configurations which are designated as "NEXTSTEP Compatible" which could adversely affect the operation of these systems. Support for compatible systems may be provided by the PC vendor or System integrator.

Tested Components:

IBM reports testing a system configuration consisting of the following components:
Summary information only. Contact IBM for more specific configuration information

System CPU Board(s)

CPU: Intel Pentium Pro (P6-200), 200MHz

RAM: 32 MB maximum tested

SCSI Controller(s)

Manufacturer: Adaptec

Model name: 2940UW

CD-ROM Drive(s)

Manufacturer: IBM

Model no.: 61G1896

Interface: SCSI

Hard Drive(s)

Manufacturer: Western Digital
Model name: Caviar 21600
Model no.: 75H7493
Size: 1.6GB

Graphics Adaptor(s)

Manufacturer: IBM
Model name: S3
Video RAM: 2 Meg
RAM Type: EDO DRAM 60ns
Interface: PCI

Serial Port(s)

Ports: 1
UART: UART 16550A

Parallel Port(s)

Ports: 1

Keyboard(s)

Manufacturer: IBM
Model name: KB-8925
Interface: PS/2
of keys: 104

Mice and Other Pointing Devices

LAN Adaptor(s)

Manufacturer: 3Com

Model name: EhterLink III Parallel Tasking 16-bit 10BASE-T adapter

Interface: ISA

Connectors: *TP, AUI

** Adaptor tested with this connector*

Sound Card(s)

Manufacturer: n/a

Monitor(s)

Manufacturer: IBM
Model name: P200

Note that only the specific components listed were tested.

Setup and Installation**Hardware Setup:**

See above for individual setup instructions for each adaptor.

CMOS settings:

To Access:

Settings:

To Access: F1 on power up (cold boot only)

ECU settings (EISA-bus systems only):

n/a

Special installation instructions:

Driver settings:

Use Configure.app to load and configure the following drivers:

-----Boot drivers-----

SCSI Adaptec2940SCSIDriver

Default Table: Default

Auto Detect IDs: 0x70789004 0x71789004 0x72789004 0x73789004
0x74789004 0x75789004 0x76789004 0x77789004 0x78789004 0x79789004
0x7a789004 0x7b789004 0x7c789004 0x7d789004 0x7e789004

Share IRQs: YES

Class Names: SCSI Bus Adaptec2940

Cmd Queueing: NO

Bus Type: PCI

Share IRQ Levels: Yes

Driver Version: PROJECT:drvAdaptec2940-8

Synchronous: YES

Level IRQs: YES

Disk IDE

Use Disk Geometry: Yes

Default Table: Default

Character Major: 15

I/O Ports: 0x1F0-0x1F7

Class Names: IdeController IdeDisk

Driver Version: PROJECT:ideDriver-12

IRQ Levels: 14

Block Major: 3

Serial SerialPorts

I/O Ports: 0x3f8-0x3ff 0x2f8-0x2ff

Default Table: Default

Driver Version: PROJECT:serialdriver-5.4

IRQ Levels: 4 3

Port Count: 2

Disk Floppy

DMA Channels: 2

Default Table: Default

Character Major: 41

I/O Ports: 0x3f2-0x3f7

Class Names: FloppyController FloppyDisk

Driver Version: PROJECT:floppyDriver-5.4

IRQ Levels: 6

Block Major: 1

Keyboard PS2Keyboard

Default Table: Default

Interface: 3

I/O Ports: 0x60-0x65

Class Names: PS2Controller PS2Keyboard

Handler ID: 0

Driver Version: PROJECT:kbdmicedrivers-16

IRQ Levels: 1

Bus PCIBus

Driver Version: PROJECT:kernbus-13

Default Table: Default

Class Names: PCIResourceDriver

Bus EISABus

Default Table: Default

I/O Ports: 0x00-0x0f 0x20-0x21 0x40-0x4b 0x70-0x71 0x81-0x8F 0x92-0x92
0xc0-0xcf

Class Names: EISAResourceDriver

Driver Version: PROJECT:kernbus-13

IRQ Levels: 2

Other Intel824X0

Default Table: Default

Auto Detect IDs: 0x04838086 0x04A38086

Class Names: Intel824X0

Bus Type: PCI

Driver Version: PROJECT:drvIntel824X0PCI-5

-----Active drivers-----

Pointing Device PS2Mouse

Inverted: No

Default Table: Default

Resolution: 150

Class Names: PS2Mouse

Driver Version: PROJECT:kbdmicedrivers-16

IRQ Levels: 12

Network EtherLink3

Default Table: Default

I/O Ports: 0x300-0x30f 0x110-0x110

Driver Version: PROJECT:enetdrivers-13

IRQ Levels: 10

Connector: RJ-45

Display S3GenericDisplayDriver

Memory Maps: 0x03800000-0x03ffffff 0xa0000-0xbffff 0xc0000-0xcffff

Display Mode: Height: 600 Width: 800 Refresh: 60Hz ColorSpace: RGB:888/32

0-desc: Unknown adapter type continuing anyway

Auto Detect IDs: 0x88805333 0x88b05333 0x88c05333 0x88d05333

0x88d15333 0x88115333

Parallel ParallelPort

Pre-Load: RemovePPDev

I/O Ports: 0x378-0x37f

Port Count: 1

Driver Version: PROJECT:paralleldrivers-10

IRQ Levels: 7

Minor Device Number: 0

Known Problems

Must disable Advanced Power Management in order to load Neststep. Go into IBM SurePath BIOS using the F1 key using a cold boot. Select Advanced Power Management and Disable APM BIOS mode.

See Also: **(None)**