

NEXTSTEP for Intel Processors Tested Compatible System

Title: IBM 755CX Notebook
Last Updated: January 13th 1996
Effective Date: January 14th 1996
Tested with: 3.3

Product Vendor:
Workstation 2000:

W2000@CTS.COM or 1-800-A-STATION

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:

Workstation 2000 reports testing a system configuration consisting of the following components:

Summary information only. Contact Workstation 2000 for more specific configuration information

System CPU Board(s)

CPU: Intel Pentium, 75MHz
RAM: 40MB maximum tested
PCMCIA slots:2

SCSI Controller(s)

Manufacturer: ADAPTEC
Model name: APA-1460 Slim SCSI
Interface: pcmcia

CD-ROM Drive(s)

Hard Drive(s)

Manufacturer: IBM
Interface: EIDE
Size: 540mb

Graphics Adaptor(s)

Manufacturer: Western Digital
Model name: WD 1mb
Video RAM: 4mb
RAM Type: VRAM
Interface: PCI

Serial Port(s)

Ports: 2
UART: 16C550

Parallel Port(s)

on-board, LPT1

Keyboard(s)

Manufacturer: IBM , Lexmark
Model name: 29h8797
Interface: Integrated

Mice and Other Pointing Devices

Manufacturer: IBM TrakPoint III integrated pointer

Model name: TrakPoint III integrated pointer

LAN Adaptor(s)

Manufacturer: COGENT

Model name: EMASTER+

Interface: pcmcia

Connectors: TP*

** Adaptor tested with this connector*

Sound Card(s)

Model name: MWAVE (not supported on NeXTSTEP 3.3!)

Monitor(s)

Manufacturer: ibm color lcd integrated display

Size: 10.4"

Max resolution: 800 x 600

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:

Press F1 during boot

Settings:

FACTORY SETTINGS

ECU settings (EISA-bus systems only):

NA

Special installation instructions:

Driver settings:

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

Display

 IBMThinkPad755CXDisplayDriver

Pointing Device

 PS2Mouse

Network

 Intel82595NetworkDriver

 I/O Ports: 0x300-0x30F

IRQ Levels: 10

SCSI

AIC6X60SCSI

I/O Ports: 0x340-0x35f

IRQ Levels: 11

Other

PCIC

EIDE/ATAPI Controller

Floppy Disk

PS2 Keyboard

EISABus

PCMCIABus

ISASerialPort, Instance0
ISASerialPort, Instance1
Serial PortServer

Known Problems

- NeXT does not provide sound support for the 755 CX at this time.
- Most Thinkpads ship with old bios that must be updated in order to work with NeXTSTEP.

See Also: **(None)**