

NEXTSTEP for Intel Processors

Title: Compaq Deskpro M-Series

Entry Number: 1455

Last Updated: <<Date June 13 1995>>

Product Vendor:

Compaq Computers

20555 State Highway 249

Houston, TX 77070

USA

USA toll-free phone sales and information: +1 (800) 888 5858

USA toll-free phone technical support: +1 (800) 345 1518

Canada toll-free customer support phone: +1 (800) 263 5868

International phone: +1 (713) 370 0670

BBS: +1 (713) 378 1418

WWW: <http://www.compaq.com/>

Keywords: Compaq Deskpro M

Disclaimer:

The information contained herein is provided for informational purposes only, and constitutes neither an endorsement nor a recommendation of the product by NeXT Computer, Inc. All product

specifications and descriptions are supplied by the respective vendor. NeXT Computer, Inc. assumes no responsibility with regard to the selection, performance, compatibility, or use of non-certified systems. All understandings, agreements, and warranties take place directly between the system vendor and the prospective user.

Overview

The Compaq DeskPro M includes an Intel 80486 Processor running at either 50Mhz or 66Mhz and an EISA bus with five slots. It provides up to 640 x 480 in 32 bit color and 1024 x 768 in both 16 bit color and 8 bit grayscale with Compaq's Qvision 1024/E EISA graphics adapter.

System Configuration

System CPU Board(s)

Compaq DeskPro 50M

Compaq DeskPro 66M

CPU Type(s) & Speed(s)

50MHz or 66MHz 80486

System RAM

16MB minimum (color), 8MB minimum (grayscale)

IDE Controller(s)

Integrated

SCSI Controller(s)

Adaptec 1542CF

SCSI CD-ROM Drive(s)

Sony 541

Hard Drive(s)

510MB IDE - Connor model #CP3541

Floppy Drive(s)

Integrated 1.44MB 3.5"

Graphics Adapter(s)

Compaq Qvision 1280/E, 2MB VRAM - EISA graphics adapter

Serial Port(s)

Integrated, COM1,COM2

Parallel Port(s)

Integrated, LPT2

Keyboard(s)

Compaq, PS/2 interface

Mice and Other Pointing Devices

Microsoft, PS/2 interface

LAN Adapter(s)

Intel EtherExpress

Sound Card(s)

Compaq Business Audio

Monitor(s)

NEC 5fg

Setup and Installation:

The following EISA Configuration Utility (ECU) settings were recorded by NeXT. Use the ECU to configure your system to match these settings.

The default printer port is LPT1. It should change to LPT2.

EISA Configuration Utility

ECU Revision Number:

.cfg file versions used: CPQ0509.cfg, DPTA410.cfg

ECU Settings

System - Compaq Deskpro/M With Audio

Primary Operating System: Other

System Identification Number: None

Integrated Diskette Controller

Standard Interface: Primary Address

Drive A: 1.44 Megabyte (3.5 Inch)
Drive B: Not Installed
Drive A/B Swap: Not Swapped

Integrated Fixed Disk Controller

Standard Interface: Primary Address
Drive Type-Unit 1: Type 61 (510.4 MB)
Drive Type Unit 2: Not Installed

Compaq Memory

Base Memory: 640 KB, Linear
Total Memory: 40960, Linear

Passwords

Set Power-On Password: Disable
Set Network Server Mate: Disabled
Set Quicklock Password State: Disabled
Set Quickblank State: Disabled

Power-On Features

Power-On Numlock State: Off
Power-On Speed State: High
Diskette Boot Control: Enable Floppy Boot

Integrated Interfaces

Serial (A): COM1
Serial (B): COM2
Parallel: LPT2
AUX Input (Pointing Device): Interrupt Enabled

Integrated Audio

Integrated Audio Adapter: Enabled
Audio Capture: Resources Enabled

Audio Playback: Resources Enabled

Slot 5 - Compaq Qvision 1280/E Graphics Controller
Video Modes Status

Color Text Modes: Supported
Monochrome Text Modes: Supported
Graphics Modes: Supported
Advanced Video Features
Extended Rom: Extended Rom Supported
Video Interrupt: Disabled
Video Controller Order: First
High Address Video Buffer: Enabled 1 MB Installed

Memory SIMM Information

Simm Socket 1: Standard Access 8 MB Module
Simm Socket 2: Standard Access 8 MB Module
Simm Socket 3: Standard Access 8 MB Module
Simm Socket 4: Standard Access 8 MB Module

Known Problems:

- Sometimes NEXTSTEP will only find 16 megs of memory on Compaq systems, even though more is installed. This is due to the BIOS being loaded into RAM, which prevents NEXTSTEP from finding memory beyond 16 megabytes. To enable all available memory, the system memory setting needs to be changed from 'Compaq Compatible' to 'Linear'. This can be changed with the ECU (EISA Configuration Utility) on EISA machines or setup utility on ISA machines. This will allow NEXTSTEP to access all available memory.