

Entry Number:  
Title: **The Hewlett Packard Vectra 486 U Series**  
Entry Date: **9 April 1993**

Product Vendor: **Hewlett Packard**  
Vendor Contact Information:

Hardware Platform: **Intel Processor Family**  
Reported in Software Version: **NEXTSTEP Release 3.1**  
Keywords: **Hewlett, Packard, EISA, Vectra**

## Usage Commentary:

The Hewlett Packard Vectra 486 includes an EISA bus and VGA on the motherboard. An EISA video card is required to display color under NEXTSTEP.

## Setup and Installation:

The Quality Assurance Group successfully installed NEXTSTEP Release 3.1 onto a HP U Series configured in the following manner. Use the EISA Configuration Utility provided with your system to confirm that your system's settings match those shown below where applicable.

System - HP Vectra 486 U PC Series - System Board

System Board Options

Microprocessor : 66 MHz 486 DX2 - OverDrive  
Power-on Speed = High  
Cache Memory = Enabled  
BIOS Revision = P.04.02

Numeric Coprocessor

Coprocessor Detected = Built-In

#### Embedded Video Options

Embedded Video Adapter Display = Embedded Video Disabled

Embedded Video RAM Size = Disabled

Enhanced Video Performance = Copy Video BIOS

to RAM at E0000h after video initialization

#### Flexible Disk Drives

Embedded Controller = Primary

Top Drive = 1.44 MB (3.5-inch)

Second Drive = Not Installed

Third Drive = Not Installed

A and B Location = A = Top Drive, B = Second Drive

Embedded Hard Disk Controller = Disabled

#### Hard Disk Drives

Drive C = Not Installed

Drive D = Not Installed

#### Keyboard Options

NumLock Key = Enabled at Start-Up

Typing Speed = Medium

Click Volume = 0 (Off)

Mini-DIN Mouse Port = Interrupt Enabled

#### Dual Serial Ports

Serial Port A = COM1

Serial Port B = COM2

#### Parallel Port Functions

Parallel Port = LPT1

Parallel Port Bidirectionality = Disabled

#### Advanced Features

Lock Additional Input Devices = Disabled  
Extended Memory Limit Report = Special - Full Amount

#### Cache Segments

Cache at 0C0000h-0CFFFFh = CFG  
Cahce at 0D0000h-0DFFFFh = CFG  
Cache at 0E0000h-oEFFFFh = CFG

#### Slot 4 - GRAPHICS ULTRA EISA Video Accelerator Card Video

Video Graphics Adaptor = VGA Enable  
Graphics Engine = Graphics Engine  
Graphics Engine Memory Aperture = Aperture Enabled  
Video Interrupt = Video IRQ Enabled

#### Embedded - HP Vectra 486U PC Series - System Memory

View Memory Module Configuration = Press [Enter] to View  
Total Memory Installed = 20480 KB (20 MB)

#### System Memory Configuration

Base Memory = 640 KB  
Reserved Memory = 384 KB ( 0 KB Remapped )  
Extended Memory = 19456 KB

## Known Problems: