

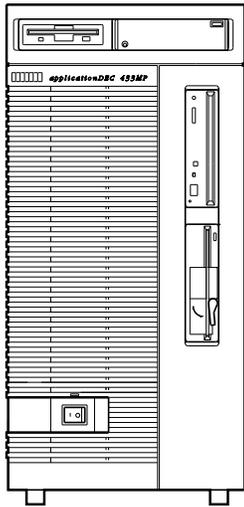
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# applicationDEC 433MP System Installation Guide

Order Number: EK-PS100-IG-001

This document provides information on installing the applicationDEC 433MP hardware.

# 1 Unpack and identify the system components.



applicationDEC 433MP



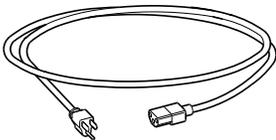
### User Documentation:

- Technical Configuration and Option Installation Guide
- Using the System
- System Overview

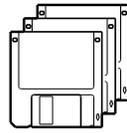


### READ THIS FIRST

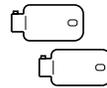
- System Installation (this Guide)
- Software Installation Roadmap



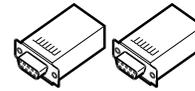
The Power Cord is shipped in a separate accessory box.



Diagnostic Diskettes



System Keys

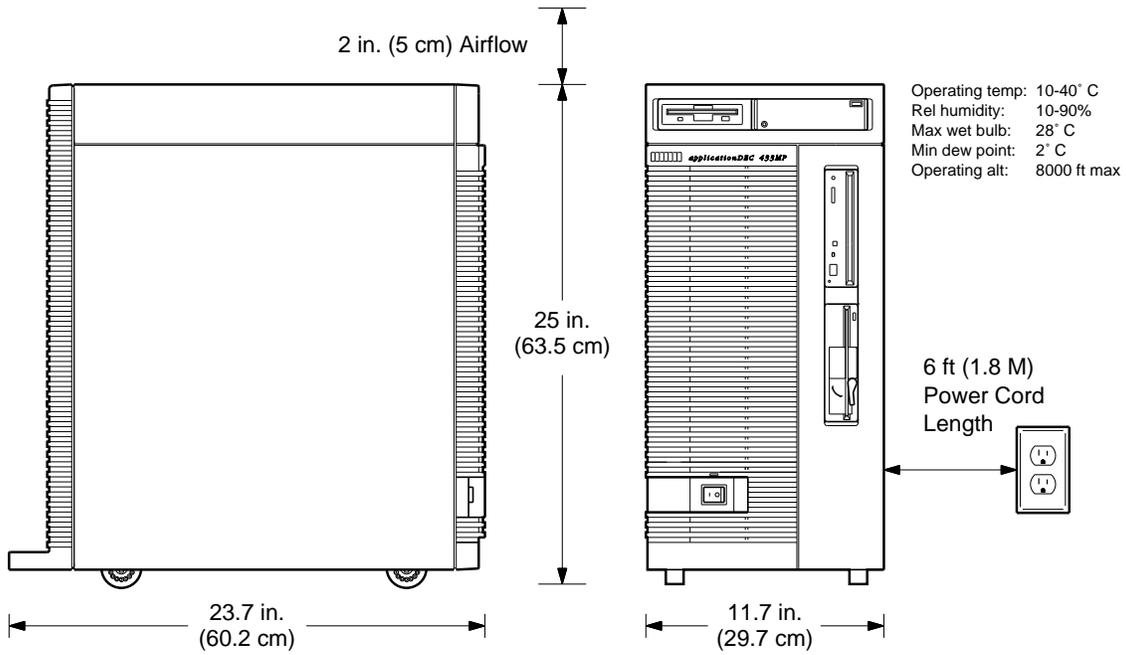


2 H8751-J Adapters

# 2 Install any optional modules or additional storage devices which require opening the system box.

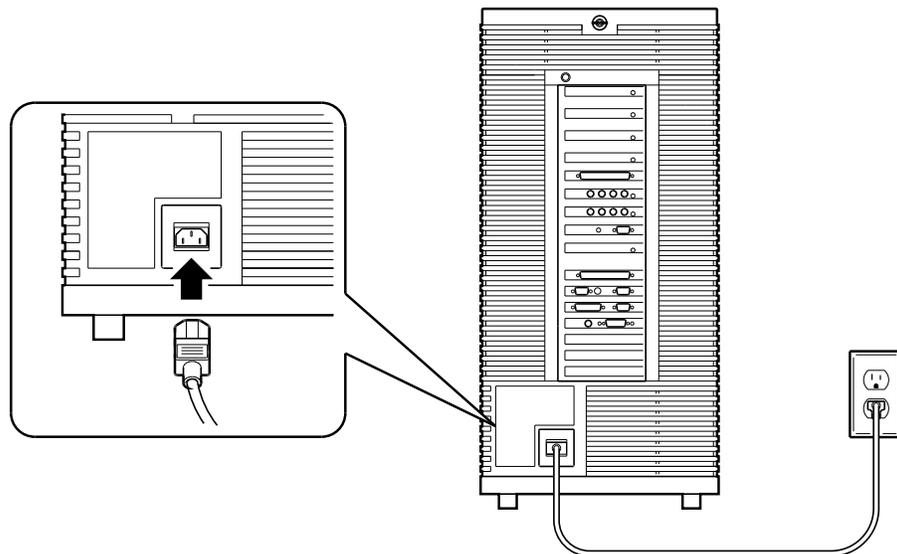
Check address conflicts with existing ISA modules. Refer to the Technical Configuration and Option Installation Guide for details on opening the system and configuring Digital Equipment Corporation options. For options not supplied by Digital, refer to the manual supplied with the option for configuration information.

### 3 Find a location for the system.



### 4 Connect the power cord to the system and wall socket.

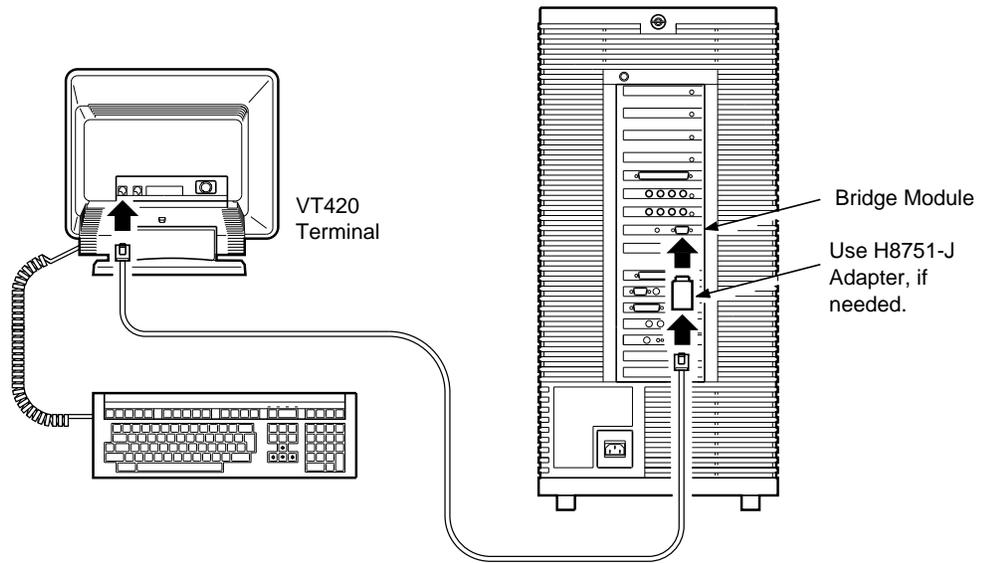
The power supply is an auto-sensing unit and automatically detects 120V or 240V operation.



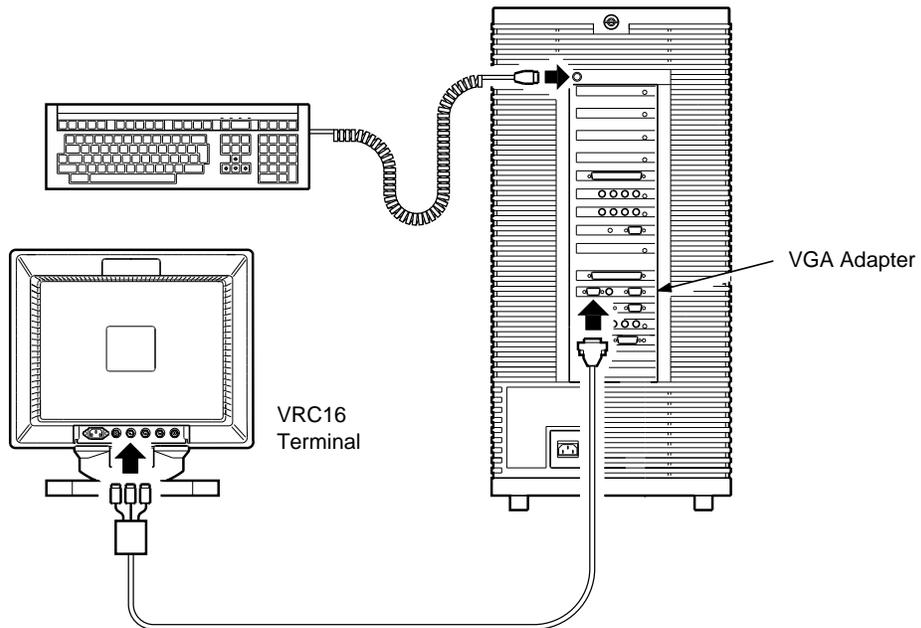
## 5 Connect the console.

If a VGA adapter is installed, the VGA monitor is the console. If no VGA adapter is installed, COM1: on the bridge module is the console.

### a. Connect a serial terminal as the console.

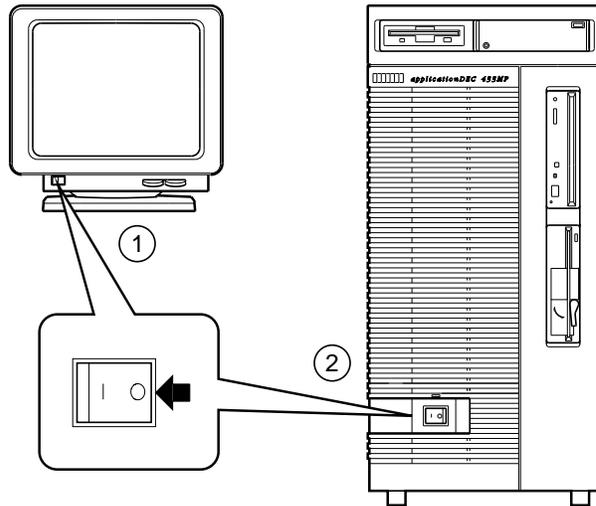


### b. Connect a VGA monitor as the console.



NOTE: PANEL BORDER SHOWN FOR POSITION ONLY

**6 Turn the console terminal power on. Turn the system power on.**



**7 Verify that the BIOS message appears on the console screen.**

```
Quadtel Enhanced 486 BIOS Version 3.05.05
Copyright 1987-1990 Quadtel Corp. All Rights Reserved.
```

If any error messages are displayed now, there are hardware problems. Contact your service provider.

If you have a VGA adapter installed, the following information is now displayed:

```
ATI VGAWONDER+, BIOS VIM-1.04/DEC
```

Next you see the following messages:

```
00640K System RAM Passed
14336K Extended RAM Passed

Adaptec AT/SCSI BIOS
Version 3.10
Copyright 1988 Adaptec, Inc.
All Rights Reserved

Checking for SCSI Target 0 LUN 0
SCSI Target 0 LUN Installed as Drive C:
Checking for SCSI Target 1 LUN 0
```

SYSTEM INSTALLATION PANEL 6

If you have additional options installed, other information may be displayed. Finally, you see the following displayed:

NO OS

To get to the setup menu, press the keys as shown:

<b>Console Type</b>	<b>Key Sequence</b>
Graphic Monitor (VGA)	Press CTRL/ALT/S
Terminal (COM1)	Press CTRL/3. Then press SHIFT/S.

The default setup menu and current options are displayed. An application DEC 433MP with one diskette drive has the following default setup menu and options:

```
BIOS Setup Version 3.05
Copyright 1990 Quadtel Corporation. All Rights Reserved.

1> Current Date.....: 09/13/1991
2> Current time.....: 16:42:05
3> Diskette Drive A.....: 3.50-inch (1.44 MB)
4> Diskette Drive B.....: Not Installed
5> Fixed Disk Drive 0 Type.....: None
6> Fixed Disk Drive 1 Type.....: None
7> Base Memory Size (KB).....: 640
8> ISA Extended Memory Size (KB).....: 7168
9> Video Adapter.....: EGA/VGA/Super VGA
10> Base Processor Cache.....: On
11> RRD Menu Status.....: Off
12> Memory Refresh.....: Off
13> Boot Device.....: AT Bus
14> Save Current Options
```

Select option to change [0 to Exit]:

Check that the ISA memory specification (setup option 8) on your system matches the amount of memory in your system according to the following chart:

<b>Memory Installed</b>	<b>Setup Option 8 Selection</b>
8 MB	7168
12 MB	11264
16 MB and up	14336

Also check that the system date and time are correct. All other setup options should be as shown above. If any setup feature needs to be changed, refer to the Software Installation Roadmap for details.

## **8 Run the Installation Verification Procedure.**

Insert the system exerciser floppy diskette into the 3.5-inch floppy diskette drive.

Boot the system from the floppy diskette in either of the following ways:

- Power up (turn the system off and then on again.)
- Press the reset switch on the bridge module I/O panel.

When the system exerciser has been booted, configuration information and the list of system exerciser tests are displayed on the screen and you are prompted to choose destructive or non-destructive testing at the HLT> prompt.

Select the non-destructive testing.

At the HLT> prompt, enter ivp:

```
HLT> ivp
```

This will perform a 15 minute system installation verification procedure.

After fifteen minutes, a success message is printed, indicating that the system is functional and operating system software can be installed.

(CTRL/C halts the system exerciser, if necessary).

## **9 You are now ready to install your operating system, operating system extensions, and any additional software.**

The following chart lists the software installation order, based on whether you have:

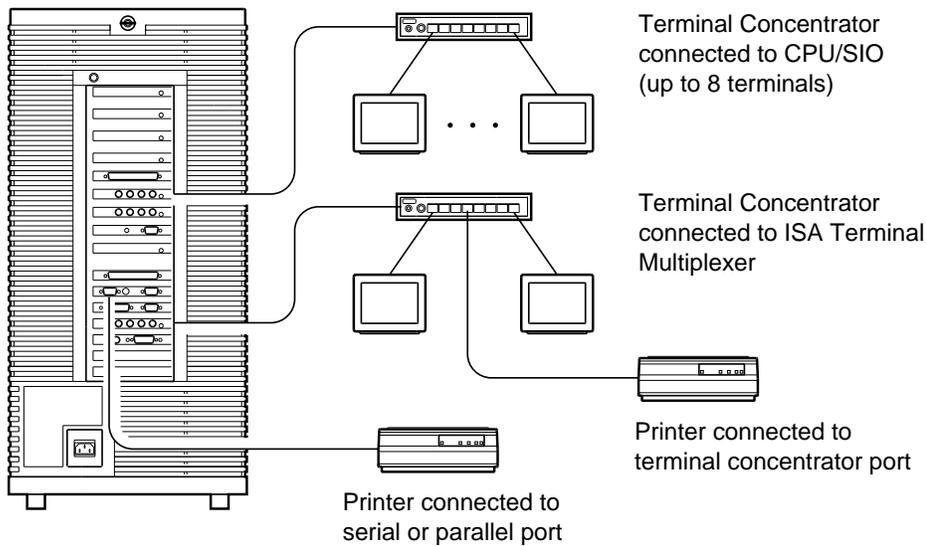
- SCO UNIX or SCO Open Desktop
- DOS partition or no DOS partition

The software must be installed in the order shown (from the top of the list down). For complete details, refer to the Software Installation Roadmap.

Operating System	Without a DOS Partition	With a DOS Partition
SCO UNIX	VGA Utility <sup>1</sup> SCO UNIX SCO VP/ix <sup>2</sup> Other applications SCO MPX <sup>3</sup>	VGA Utility <sup>1</sup> DOS <sup>4</sup> SCO UNIX VP/ix <sup>2</sup> Other applications SCO MPX <sup>3</sup>
SCO ODT	VGA Utility <sup>1</sup> SCO ODT Other applications SCO MPX <sup>3</sup>	VGA Utility <sup>1</sup> DOS <sup>4</sup> SCO ODT Other applications SCO MPX <sup>3</sup>

- <sup>1</sup> Utility diskette is used to configure the graphics adapter for some non-Digital graphic monitors.
- <sup>2</sup> VP/ix is needed if you want to run DOS applications.
- <sup>3</sup> One copy per CPU/SIO or CPU/SCSI beyond the base processor. MPX is not needed for a single processor system. MPX is installed last.
- <sup>4</sup> Some of your DOS applications may require a DOS partition. If so, create the DOS partition before installing SCO UNIX or SCO ODT.

## 10 Install additional terminals, printer, and other peripheral devices.



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