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EK–DE20M–IC. B01

DE20M-AR Remote Boot ROM Installation

This guide describes how to install the DE20M option ROM on an EtherWORKS 3 Turbo adapter and how to configure the installed ROM using the EZWORKS Installation utility. For more information about the EZWORKS Installation utility, and for information about preparing the client/servers for the different network operating systems, see the Remote Boot Setup diskette included in your ROM kit.

Installing the Remote Boot ROM

When you install a DE20M remote boot ROM on an EtherWORKS 3 Turbo adapter (either DE203, DE204, or DE205 model) in a DOS-based system, the ROM enables your computer to perform a remote boot using the MOP or RPL protocols.

CAUTION

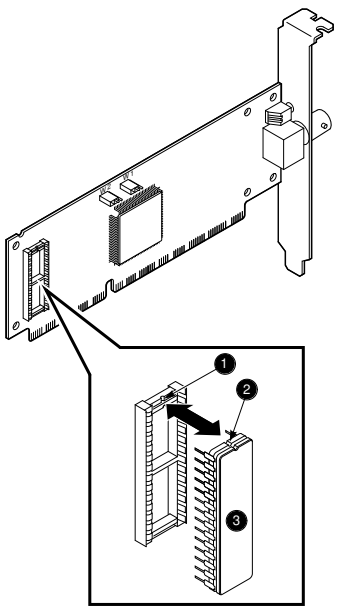
Static electricity can damage modules and electronic components. Digital recommends using a grounded antistatic wrist strap and a grounded work surface when handling any modules or components.

If you are installing the ROM chip on a new adapter, you must first set up the adapter using the procedure described in the *DEC EtherWORKS 3 Turbo User Information* manual. If you have a diskless PC system, configure the adapter on a DOS system using the EZWORKS Installation utility to perform the adapter and remote boot setup.

2

To install the DE20M remote boot ROM:

1. Remove the adapter from your computer, then place it on a flat surface.
2. Align the ROM socket notch ❶ with the ROM chip notch ❷ (see the following figure).
3. Align the pins on the ROM chip ❸ with the holes in the socket, then press the ROM into the socket, taking care not to bend any pins during the process. Press firmly on the ROM chip to make sure it is fully inserted into the socket.



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After you install the ROM chip, insert the adapter into the system and turn on the power.

Configuring the ROM Using EZWORKS

To configure the DE20M remote boot ROM, using the EZWORKS Installation utility:

1. Insert the Remote Boot Setup diskette into drive A: on your computer.
2. Enter the following command at the DOS prompt:

```
A:\> SETUP
```

3. Select the desired options:
   - Enable the remote boot ROM.
   - Select the period of time to attempt a remote boot before a local boot occurs (MOP only).
   - Select the appropriate protocol to enable your computer to perform a remote boot:
     a. Use the MOP protocol in PATHWORKS V4.1x environments
     b. Use the RPL protocol (select RPL/19H) in PATHWORKS V5.x, Microsoft LAN Manager V2.2, Microsoft Windows NT Advanced Server V3.5x, and IBM LAN Server V3.x, V4.0 environments

        Select RPL (not RPL/19H) when your system does not contain a bootable hard drive or floppy diskette.
4. Save your changes by selecting the Exit and save settings option.

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