6.0 DIGITAL Server 3000 SERVER-SPECIFIC INFORMATION   V3.11

This portion of the README file provides information specific
to the DIGITAL Server 3000 series servers, models
   3100, 3105, 3200, 3205 and 3210.

6.1 Server-Specific Contents

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   7.0 QUICK LAUNCH SOFTWARE

7.1   Minimum BIOS & System Configuration Utility (SCU) Levels

      This version of Quick Launch requires the following
      minimum system software:

         Model: 3100/3105   3200/3205   3210
          Proc: Pentium Pro   Pentium II   Pentium II
      BIOS: 3.01   3.02.01   3.03
      SCU: 3.00   3.00   3.00

      BIOS and SCU updates are available on the Internet; refer to
      section 1.0.

7.2   BIOS Upgrade Jumper

      The "BIOS Upgrade" jumper (SW1-1) on the main logic board
      is shipped with a default setting of Enabled (on) to
      allow the BIOS to be upgraded from Quick Launch.

      To prevent unauthorized personnel from loading a new

server BIOS, you must set this switch to Disabled (off).
Loading a new server BIOS might allow someone to override
other server security features or introduce a virus into
your server.

7.3   Unattended Installation Stops for Answer to Question

The NT 4.0 installation installs the embedded driver for
the network chip. The NT 4.0 install is successful and
networking does come up; however, the install script stops

8.0   OPERATING SYSTEMS

  8.1   NetWare 3.x

        8.1.1 NetWare 3.x Single Processor Installations

        For NetWare 3.x installations on 1P systems, using either
        the Express installation or Create Diskettes selection,
        you must run the SCU to disable the APIC & MP Table
        parameter in the Advanced Control Group. Neglecting to
        disable this parameter may result in "Spurious Interrupt"
        messages on the NetWare server console.

        This parameter will need to be reset to its default value
        (MP1.4) prior to installing any other operating system on
        this system.

9.0   SERVER CONFIGURATION

9.1   Integrated Ethernet Controller (DIGITAL 2114X)

       The NetWare and SCO Unix drivers for the integrated
       Ethernet controller (DIGITAL 2114X) default to the
       twisted-pair (RJ-45) connector.

       To configure the ThinWire (BNC) or Thickwire (AUI) media
       for NetWare ports, it is necessary to add the following
       keyword to the command line used to load the driver:
            MEDIA=BNC or MEDIA=AUI
       Examples:
            LOAD DC21X4 SLOT=10001 MEDIA=BNC
            (for ThinWire connections)

            LOAD DC21X4 SLOT=10001 MEDIA=AUI
            (for thickwire connections)

       For NetWare, the media type will need to be specified when
       the driver is loaded.

       For SCO Open Desktop, the driver space.c file will need to
       be modified to specify the media port.

       In SCO OpenServer 5.x, the port can be switched to the AUI
       port or the BNC connector through the "netconfig" utility.
       Follow the example below:

            1. Run "netconfig."

2. Press Tab and down arrow key to highlight
    "HW DIGITAL DC2114X PCI Ethernet and Fast
     Ethernet Controller." Then, press the
    space bar to mark the entry with "*".

3. Press Tab to go back to "Hardware," press Enter
    and down arrow to "Modify hardware configuration."

4. Press Tab four times to "Advance options" in the
    upper-right corner of the screen.

5. The default media setting is SROM_default. If
    desired, you can modify this setting by pressing
    the down arrow key until your desired port is
    highlighted.

6. Exit the utility gracefully. The kernel will
    rebuild. On the next boot, the hardware display
    will read as follows:

        For BNC: type=dc2114x/BNC addr=xxxxxxxx

        For AUI: type=dc2114x/AUI addr=xxxxxxxx

9.2   Processor Compatibility

At this time, the DIGITAL Server 3100 and 3105 use
only two production steppings of the Pentium Pro
processors; therefore, there are no known issues
about mixing Pentium Pro processors in a
multiprocessor
environment.

The DIGITAL Server 3200 and 3205 use a C0 stepping
Pentium II processor. If you add an additional
processor, or if you upgrade your server to a new
model make sure you use the same stepping on the
processors. See Paragraph 4.6.

You will also need to update your BIOS and your SCU
to recognize the new processors.

9.3   Acoustics Declared Values

DIGITAL Server 3100/3200

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Acoustics - declared values per ISO 9296 and ISO
7779:

	Sound Power Level		Sound Pressure Level	
	LwAd, B		LpAm, dBA (bystander positions)	
Product	Idle	Operate	Idle	Operate
FR-B4xWW-AX				
	5.8	5.8	41	41
FR-B4xWW-AA				

```
                                      5.9      5.9        41       41
            FR-B4xWW-AC
                                      5.9      5.9        42       42

                    [Current values for specific configurations are
  available
                     from Digital representatives. 1 B = 10 dBA.]
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