```
   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, rackmount models
3105R, 3200R, 3205R, and 3210R.


6.1  Server-Specific Contents

                          CONTENTS
                          --------


       7.0   Quick Launch Software

            7.1  Minimum BIOS & System Configuration Utility
                 (SCU) Levels

            7.2  BIOS Upgrade Jumper

       8.0   Operating Systems

                 8.1  NetWare 3.x

            8.1.1  NetWare 3.x Single Processor Installations


       9.0   Server Configuration

            9.1  Integrated Ethernet Controller (DIGITAL 21143)

            9.2  Processor Compatibility in a Multiprocessor

Environment

            9.3  Acoustics Declared Values

˅


    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: 3105R                 3200R/3205R 3210R
           Proc: Pentium Pro  Pentium II      Pentium II
      BIOS:  3.2.01            3.2.01              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.

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 21143)

           The NetWare and SCO Unix drivers for the integrated
           Ethernet controller (DIGITAL 21143) 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 3100R uses only two
production steppings of the Pentium® Pro processors;
therefore, there are no known issues about mixing
them in a multiprocessor environment.

The DIGITAL Server 3200R uses a C0 stepping Pentium® II
processor. See Paragraph 4.6.

The DIGITAL Server 3205R uses a C1 stepping Pentium II
processor.

9.3   Acoustics Declared Values

DIGITAL Server 3105R/3200R

Acoustics - declared values per ISO 9296 and ISO 7779:

Product	Sound Power Level LwAd, B		Sound Pressure Level LpAm, dBA (bystander positions)	
	Idle	Operate	Idle	Operate
PB80A-A9(FR-R2xWW-AA/-AX) [with 0 x HDD]	5.7	5.7	39	39
PB80A-A9 + RZ26N	5.7	6.0	39	42
PB80A-A9 + RZ28M	5.7	6.0	39	42

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