

6.0 Prioris LX Server-Specific Information

This portion of README file provides information specific to the Prioris LX server.

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:

BIOS: 1.07

SCU: 1.07

Adaptec BIOS version 1.22S1 or later (support for the bootable CD-ROM and the on-board Adaptec 7850 controller).

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

section 1.0.

8.0 OPERATING SYSTEMS

8.1 Windows NT

8.1.1 Windows NT 4.0 Bootable CD-ROM

The LX does not support installation of NT 4.0 using the NT bootable CD-ROM. You can install NT 4.0 either by doing an Express Installation using the Quick Launch CD-ROM, or by using bootable floppies and the CD-ROM provided by Microsoft.

8.2 SCO

8.2.1 Graphics Resolution

To increase graphics resolution to 800 X 600, 256 color, run "mkdev graphics" for ODT, or "scoadmin video" for OpenServer 5, and choose Cirrus Logic GD542X as the video chip.

8.3 NetWare

8.3.1 NetWare with IDE Hard Disk Drive Needs Additional Memory

Most systems use a SCSI hard disk drive as the boot device; however, if you use an IDE hard disk drive as your boot device, you may not have enough base memory to run the SCU.

After NetWare has been installed and you boot from an IDE hard drive and find that there is not enough base memory left to run the SCU from the \SCU directory, run the SCU from a bootable diskette.

This problem, however, does not affect Quick Launch.

9.0 SYSTEM

9.1 Determining the Location of the Boot Device on your Prioris LX Server

The Prioris LX Server is designed with on-board PCI IDE and PCI SCSI controllers.

device
If the on-board IDE controller is enabled, the boot will always be the IDE drive attached to that controller.

In a system with only SCSI drives, the boot device is determined by which SCSI controller has the lowest ROM option address. EISA and PCI ROM option addresses can be examined and/or modified using the SCU.

9.2 Digital On-Board Ethernet

The Digital on-board Ethernet must be attached to the network or properly terminated when loading the NetWare operating system, or the installation will terminate early.

9.3 Disabling the On-Board IDE Controller

When disabling the on-board IDE controller, the drive parameter field must be set to "none" as well as the IDE controller disabled in the SCU. Failure to do both may result in boot errors on the floppy drive.

9.4 Exchange Diskette Drive Function in the Setup Utility

Utility

The exchange diskette drive function in the Setup (F2) allows the user to redefine a second floppy device as Drive A in a system. This function is accessible through the Advanced Menu, submenu Integrated Peripherals. If this feature is "Enabled," you must also return to the Main menu in the Setup Utility and redefine the diskette type for drives A and B if the diskettes are different sizes or capacities. Example: If Drive A was originally a 3.5" drive and Drive B was a 5.25" drive, then once the exchange diskette drive function is enabled, you would need to redefine Drive A as a 5.25" drive and Drive B as the 3.5" drive.

9.5 Large Disk Access Mode

The Large Disk Access mode in the Setup [F2] Utility should be set to "DOS" for DOS, OS/2, and NetWare 3.x or greater version. For SCO UNIX, NetWare 2.x or lower, or other operating systems, set the Large Disk Access Mode to "Other."

9.6 Processor Switch Settings

Processor Speed	Switch Settings			
	J3-SW1	J3-SW2	J3-SW3	J3-SW4
75 MHz	OFF	OFF	OFF	OFF
90 MHz	OFF	OFF	ON	ON
120 MHz	ON	OFF	ON	ON
150 MHz	ON	ON	ON	ON
200 MHz	OFF	ON	ON	OFF

Processor Speed	Bus/Core Ratio		Clock MHz	
	J3-SW1 & J3-SW2	J3-SW3 & J3-SW4	J3-SW3 & J3-SW4	J3-SW3 & J3-SW4
75 MHz	2/3	50		
90 MHz		2/3		60
120 MHz	1/2	60		
150 MHz	2/5	60		
200 MHz	1/3	66.6		