

Software

UP1100 Installation Diskette

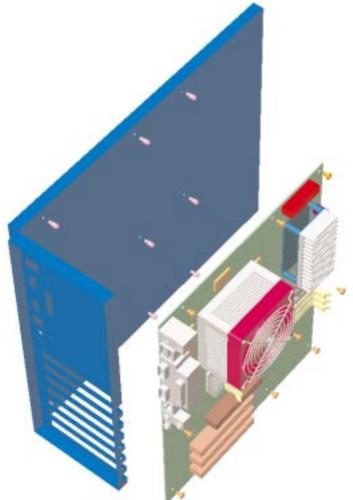
Components

Prepare for the UP1100 installation with the following components:

Level 1 – Required to Test UP1100					
Power Supply(s)	Memory Modules	Hard Disk			
Video Card	Monitor	Speaker			
🗅 Keyboard	Mouse				
Assorted Peripheral Cables	Floppy Disk Drive				
+ Level 2 – Required to Load Operating System					
CD Drive	UP1100 Installation Diskette	Operating System CD			

• Identify the ATX Core Design #6 I/O Shield.

The chassis shown is an Axxion Model DL-17, using the I/O shield RFIFS-D17DK (ATX Core Design #6).



Install Memory DIMMs

Memory Configuration

- The memory subsystem is composed of:
- Three (3) independent slots.



Before installing DIMMs, carefully review the picture and guidelines shown to the right and below.

> **J4** – Slot 2 – (populate second) **J3 –** Slot 1

> > (populate first) **J2** – Slot 0

(populate last)



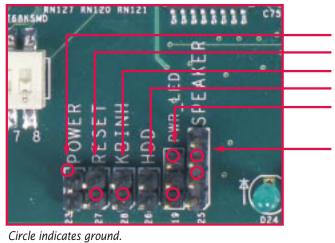
- DIMM size can be 64 MB, 128 MB, or 256 MB.
- Each slot can use different size DIMMs.
- Memory is supported in a size range between 64 MB (min) to 768 MB (max).

Total Memory	No. of DIMMs	Slot 1	Slot 2	Slot 0
64 MB	1	64 MB		
128 MB	1	128 MB		
128 MB	2	64 MB	64 MB	
256 MB	1	256 MB		
256 MB	2	128 MB	128 MB	
256 MB	3	128 MB	64 MB	64 MB
384 MB	2	256 MB	128 MB	
512 MB	2	256 MB	256 MB	
512 MB	3	256 MB	128 MB	128 MB
768 MB	3	256 MB	256 MB	256 MB

Internal Connections

Internal I/O Connections

Make the following connections using the appropriate cables:



J23 Power Button Connector J27 Reset Button Connector J28 Keyboard Lock Cable Connector **J26** Hard Disk Drive (HDD) Activity LED Connector **J19** Power LED Connector

J25 Speaker Cable Connector

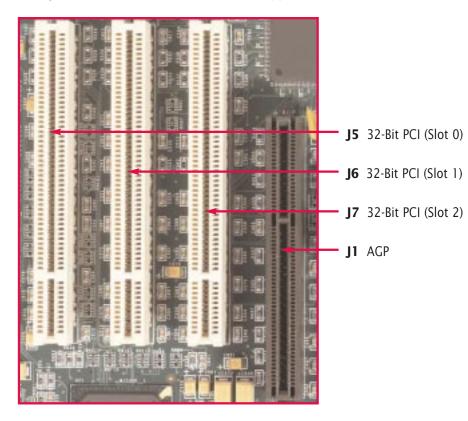




Install Cards & Cables

Bus Connections

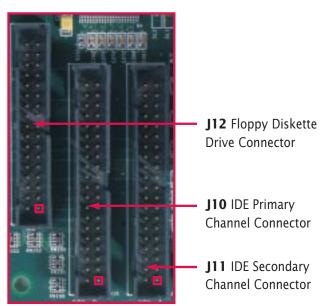
Use the following slots for access to PCI and AGP bus support.



Disk Port Connections

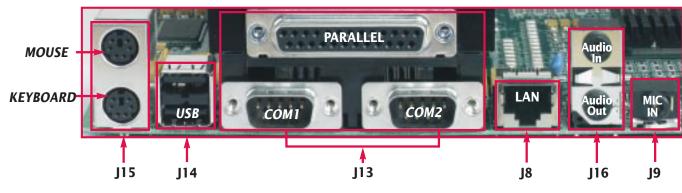
Use sockets J10, J11, and J12 to connect various disk peripheral devices.





Square indicates Pin 1.

Rear Panel I/O Connections





Power Connections

J18 ATX Power

Fan Power Connections



J30 Alpha 21264A Processor Fan Power

Final Tasks



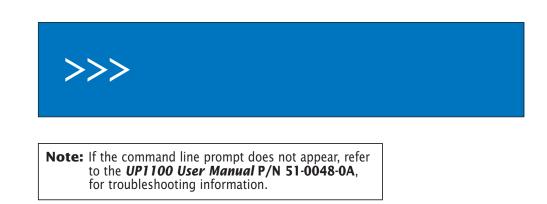
Initial System Test

Follow this procedure to confirm the proper installation of the UP1100 System:

- 1. Ensure that all cables are seated properly.
- 2. Plug enclosure into power source.
- 3. Turn on enclosure power.

Your console screen will list the initialization messages.

The following command line prompt will appear:



Power Down Technique

To power down a UP1100 system, press the Power switch and hold it for at least five (5) seconds.

Reference Materials

For procedures on booting the UP1100 and other information, refer to the UP1100 User Manual (P/N 51-0048-0A).

A copy of the manual is available from our website: http://www.alpha-processor.com Also, refer to the AlphaLinux website: **http://www.alphalinux.org**