

## Chapter 4

# Connectors, Switches, and Jumpers

This chapter provides connector, switch, and jumper information for the Compaq ProLiant 3000 Servers.

## Rear Connectors

The Compaq ProLiant 3000 rear connectors are illustrated below. See Table 4-1 for connector names.

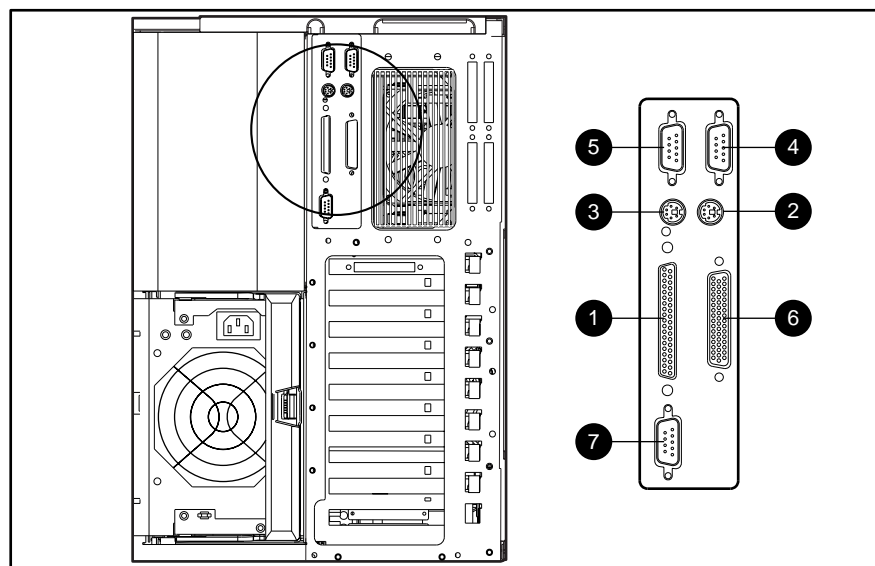


Figure 4-1. Rear Connectors

Table 4-1  
Rear Connectors

Reference	Connector
①	External SCSI connector - Channel B
②	Mouse
③	Keyboard
④	Serial A (COM 1)
⑤	Serial B (COM 2)
⑥	Parallel/printer port
⑦	Video

## System Board

The Compaq ProLiant 3000 system board components are illustrated below. See Table 4-2 for component names.

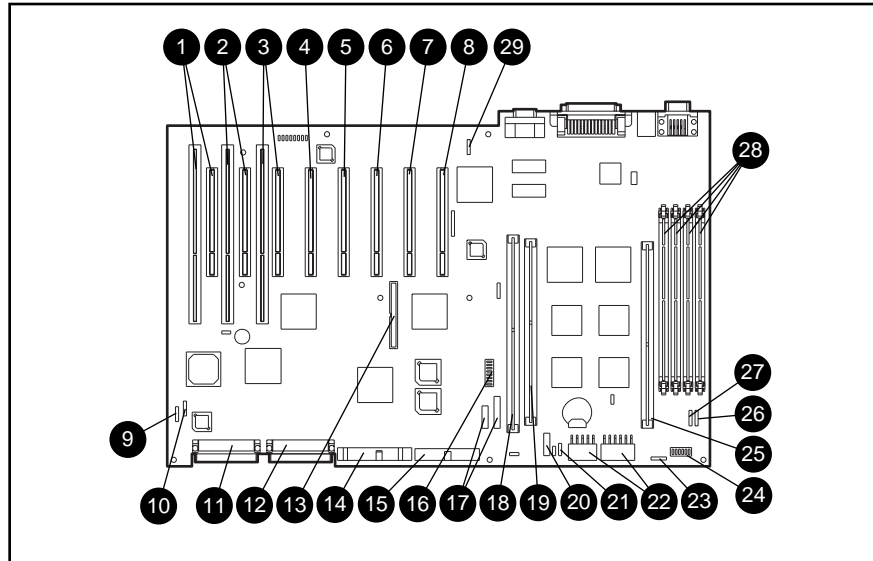


Figure 4-2. System Board Components

**Table 4-2**  
**System Board Components**

Reference	Component
1, 2, 3	PCI/EISA shared slots 1, 2, 3
4 - 8	PCI slots 4 - 8
9, 10, 26, 27, 29	Fan headers
11	Internal SCSI Connector - Channel A
12	Internal SCSI Connector - Channel B
13	Intelligent I/O connector (I <sub>2</sub> O)
14	IDE connector
15	Diskette connector

*Continued*

**System Board Components** *Continued*

Reference	Component
16	Processor settings switch
17	Integrated Management Display connectors
18	Memory board slot 11
19, 25	Processor board slots
20	Auxiliary power connector
21	External battery header
22	Power connectors
23	Switch/Interlock diskette power connector
24	System Configuration Switch
28	DIMM sockets

**System Configuration Switch**

The following table defines the functions for the system configuration switch. Default positions are indicated. See Figure 4-2 and Table 4-2 for the location of the system configuration switch.

**Table 4-3**  
**System Configuration Switch Settings**

Switch	Function	ON	OFF
1	Video	Integrated video is disabled.	<i>Default.</i> Integrated video is enabled.
2	Lock configuration	Configuration cannot be changed.	<i>Default.</i> Configuration can be changed.
3	Rack to Tower Conversion	System is rack-mount configuration.	<i>Default.</i> System is tower configuration.
4	Diskette Boot Feature	Diskette is enabled for booting regardless of configuration.	<i>Default.</i> Diskette boot can be disabled through System Configuration Utility.
5	Power-on Password Defeat	Power-on password is disabled.	<i>Default.</i> Power-on password is enabled.
6	Maintenance	NVRAM is invalidated; configuration is lost.	<i>Default.</i> NVRAM is validated; configuration is not lost.

## Processor Switch Settings

The following table lists the default switch positions for the 300 and 333 MHz Intel Pentium II processors. See Figure 4-2 and Table 4-2 for the location of the processor settings switch.

**Table 4-4**  
**Processor Switch Settings**

Switch	Default Position for Pentium II (300 MHz)
1	ON
2	ON
3	OFF
4	ON
5	OFF
6	OFF
7	OFF
8	OFF

**Table 4-5**  
**Processor Switch Settings**

Switch	Default Position for Pentium II (333 MHz)
1	ON
2	ON
3	OFF
4	OFF
5	ON
6	OFF
7	OFF
8	OFF