

1.1 Standard Features

The Ultra Enterprise 3000 system enclosure contains a 4-slot chassis and two built-in disk bays that hold up to 10 disk drives.

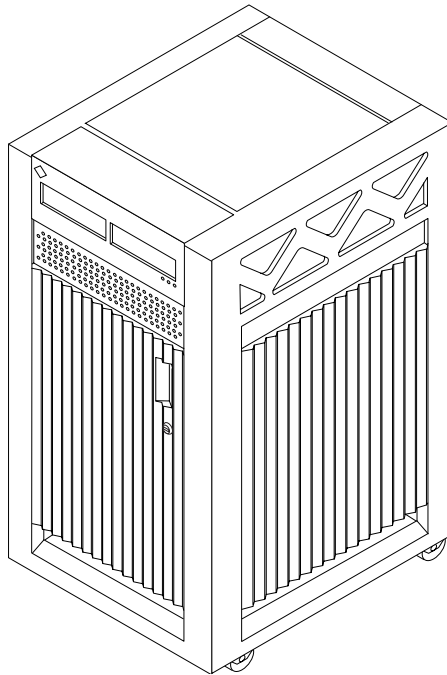


Figure 1-1 Ultra Enterprise 3000 System

The minimum configuration for the server is:

- Power/cooling modules
- Fan tray
- Clock board
- CPU/Memory board
- UltraSPARC™ module
- Main memory
- I/O board
- Peripheral power supply w/AC power sequencer
- SCSI receptacle for removable media, including CD-ROM drive
- Disk

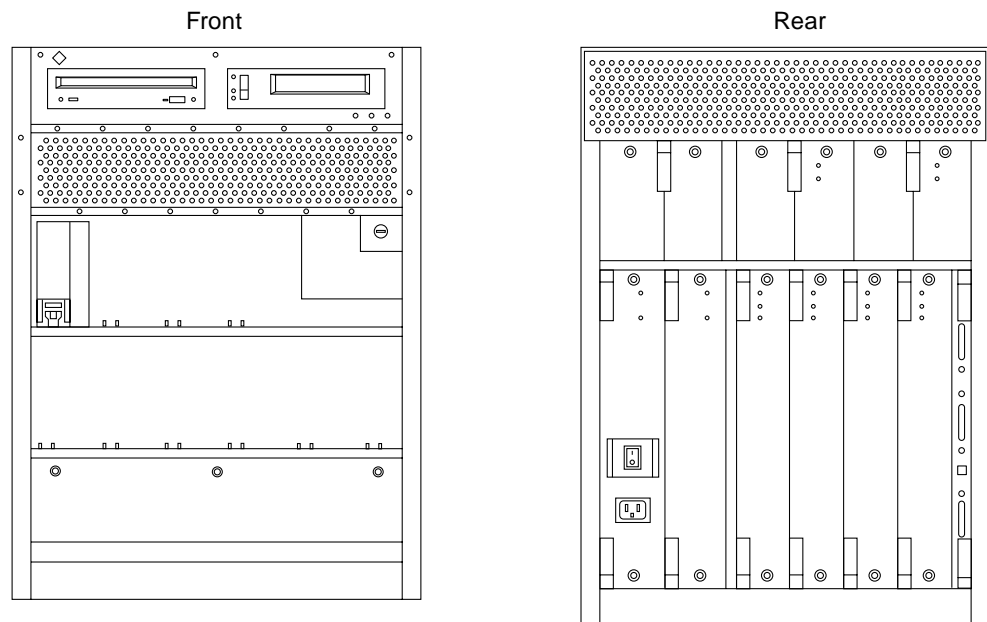


Figure 1-2 Ultra Enterprise 3000 Components

1.2 Internal Options

Table 1-1 Internal Options for the Ultra Enterprise 3000 System

Option	Quantity	Comments
CPU/Memory boards, SBus I/O boards, and Graphics I/O boards	4 <i>total</i> per system	Each slot can accept three types of boards: CPU/Memory board, SBus I/O board, and Graphics I/O board. Combinations can vary. One system board becomes the system master automatically. Jumper changes are not needed.
UltraSPARC modules	6 per system	0-2 modules on each CPU/Memory board.
Memory modules	0, 8, or 16 SIMMs per CPU/Memory board	SIMM sizes are 8, 32, or 128 Mbyte DRAM. Do not mix sizes within the same bank. Add 8 SIMMs at a time. Install SIMMs in all bank 0 sockets first on each CPU/Memory board, from the lowest slot to the highest. Once bank 0 is full, install remaining SIMMs in bank 1 sockets in the same order.
SBus cards	9 per system	0-3 cards per SBus I/O board, 0-2 cards per Graphics I/O board.
Graphics (UPA) cards	3 per system	1 card per Graphics I/O board.
SCSI tray	CD-ROM drive and tape drive	SCSI tray takes removable-media drives only. One SunCD 4 is standard equipment per system. One optional tape drive is supported in the SCSI tray.
Disk drives	2 internal disk bays	Top bay can hold 4 disk drives; bottom bay can hold 6 disk drives. Install disks in top bay first, from left to right, starting with slot 0 (the farthest slot to the left as you face the front of the system is slot 0). Also install disks in the bottom bay from left to right.

