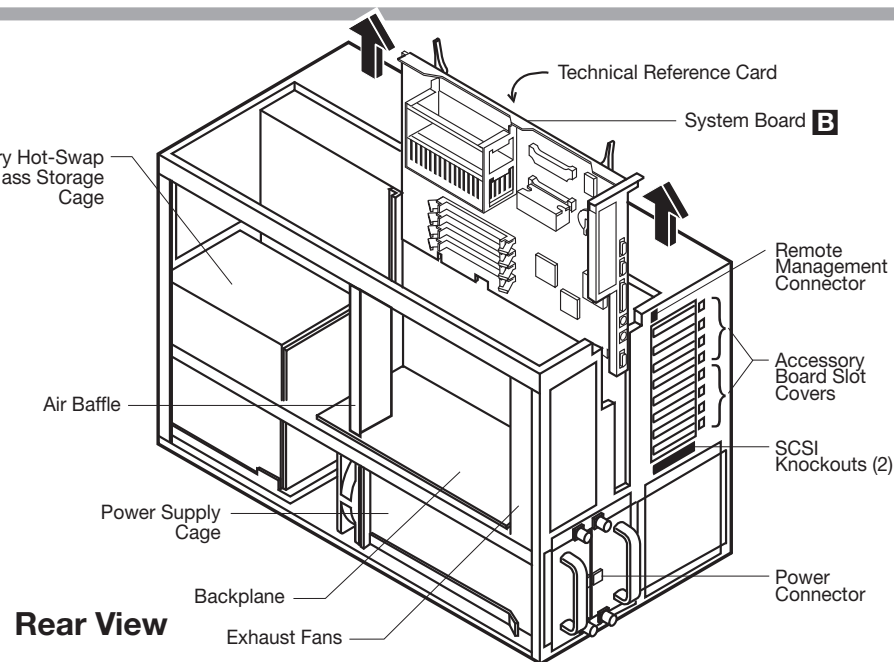
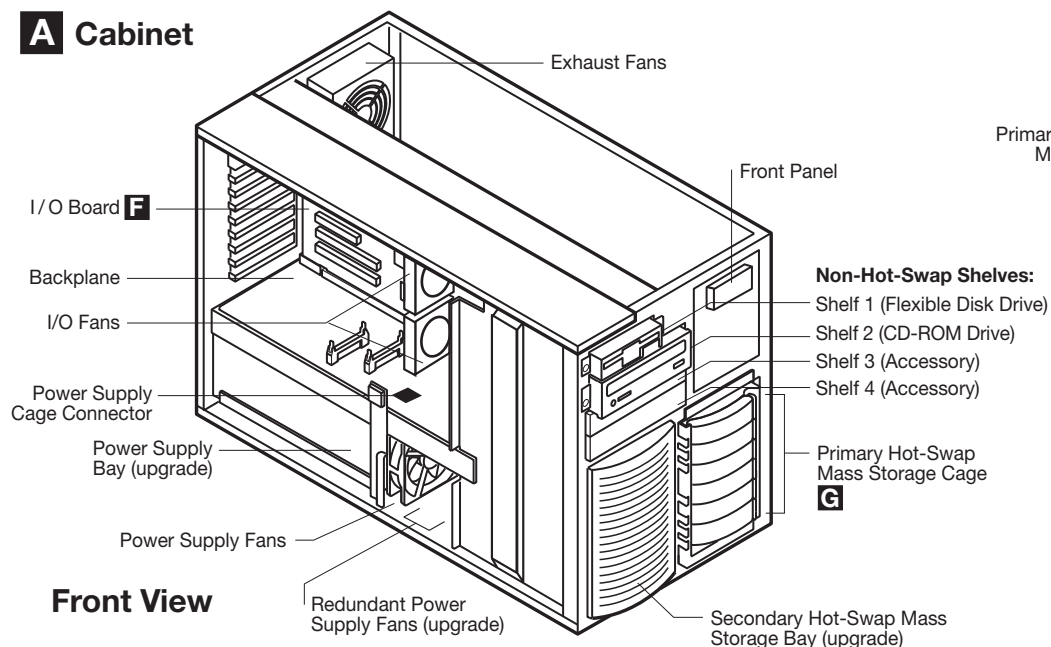


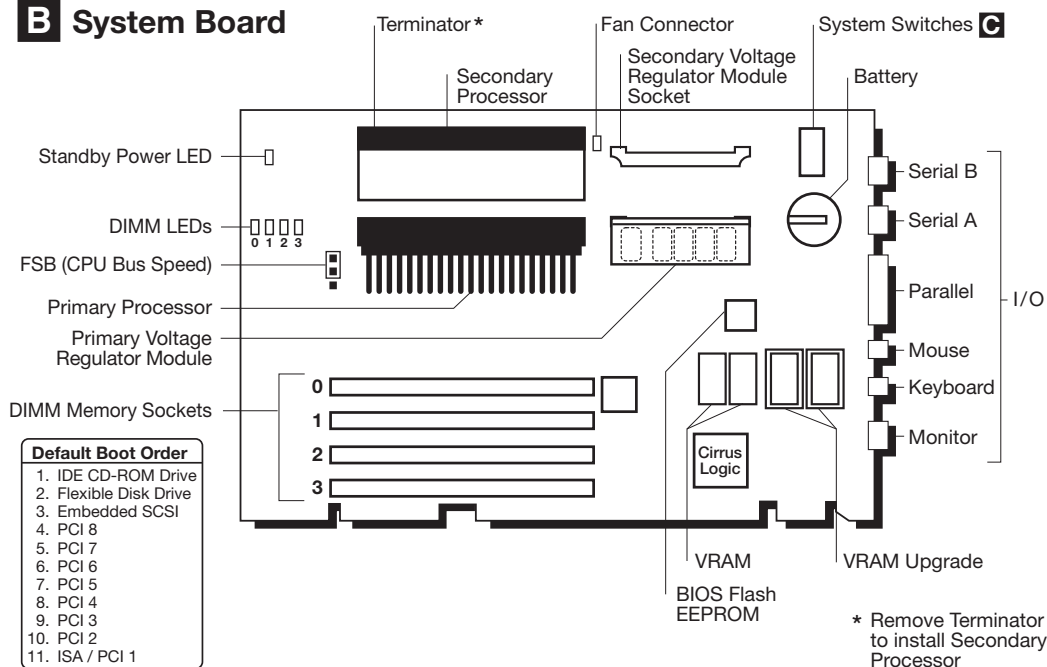
HP NetServer LH 3 and LH 3r Technical Reference Card



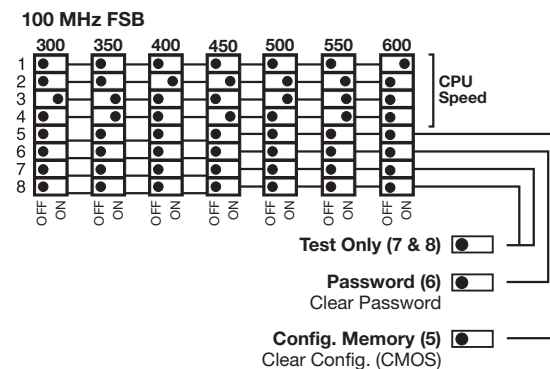
A Cabinet



B System Board



C System Switches

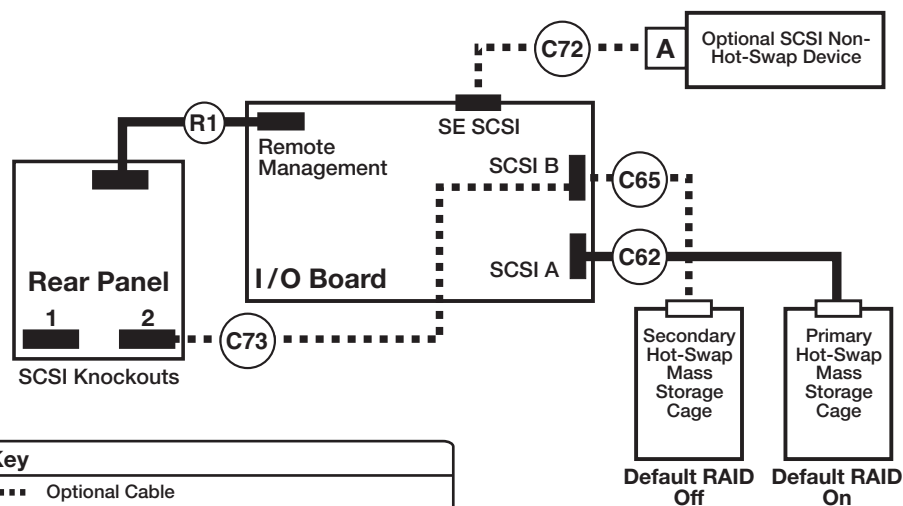
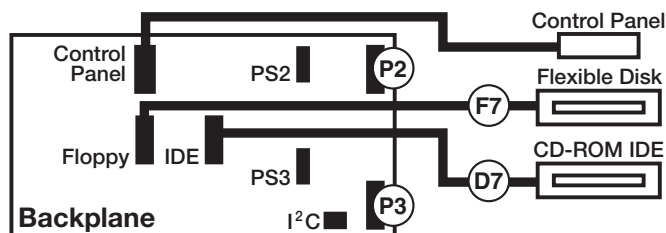


D DIMM Installation



For additional information, see other side.

E Cabling

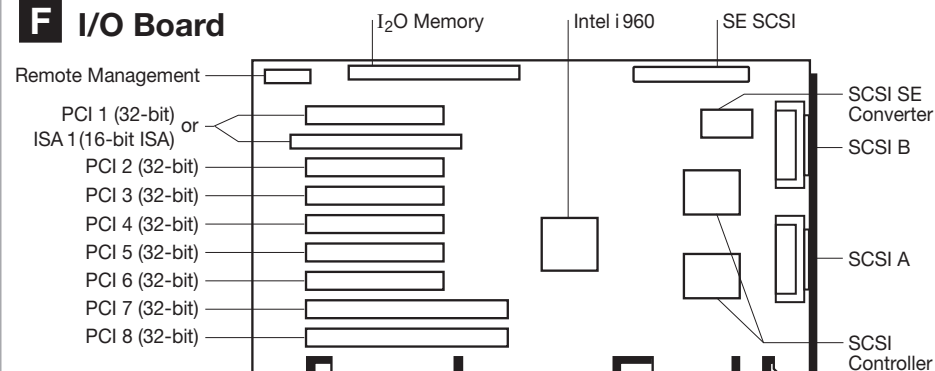


Key

- Optional Cable
- A 68-pin to 50-pin Adapter (tape backup only)
- PS2 Primary Power Supply Cage Cable
- PS3 Secondary Power Supply Cage Cable *

| Cables | Part Nos. | Cables | Part Nos. |
|---|-----------|---|-----------|
| C62 Internal SCSI (Wide) LVD Cable (SCSI A to Primary Mass Storage) | 5183-3444 | D7 IDE CD-ROM Cable | 5183-3442 |
| C63 Internal SCSI (Wide) LVD Cable * (DAC to Primary Mass Storage) | 5183-6527 | F7 Flexible Disk Cable | 5183-3443 |
| C64 Internal SCSI (Wide) LVD Cable * (DAC to Secondary Mass Storage) | 5183-6528 | P2 Primary Mass Storage Power Cable | 5183-3448 |
| C65 Internal SCSI (Wide) LVD Cable (SCSI B to Secondary Mass Storage) | 5183-6557 | P3 Secondary Mass Storage, Non-Hot-Swap Device, CD-ROM, and Flexible Disk Power Cable * | 5183-3449 |
| C72 Internal SCSI (SE) Cable | 5183-3445 | R1 Remote Management Cable | 5183-2413 |
| C73 External SCSI (Wide) LVD Cable (SCSI A or SCSI B to Rear Chassis) | 5183-3446 | | |
| | | * Optional Cables | |

F I/O Board



G Hot-Swap Mass Storage Configurations

For maximum storage density and to avoid configuration problems, install hot-swap drives in consecutive locations only, beginning with the lowest (or leftmost) location in the Mass Storage Cage.

SCSI Addressing

| SCSI A | SCSI B |
|--------|--------|
| 9 | 15 |
| 8 | 14 |
| 3 | 13 |
| 2 | 12 |
| 1 | 11 |
| 0 | 10 |

| A | B |
|---|----|
| 8 | 14 |
| 3 | 13 |
| 2 | 12 |
| 1 | 11 |
| 0 | 10 |

| A | B |
|---|----|
| 8 | 14 |
| 3 | 13 |
| 2 | 12 |
| 1 | 11 |
| 0 | 10 |

| A | B |
|---|----|
| 9 | 15 |
| 8 | 14 |
| 3 | 13 |
| 1 | 11 |
| 0 | 10 |

| A | B |
|---|----|
| 9 | 15 |
| 8 | 14 |
| 3 | 13 |
| 1 | 11 |
| 0 | 10 |

| A | B |
|---|----|
| 9 | 15 |
| 8 | 14 |
| 3 | 13 |
| 2 | 12 |
| 0 | 10 |

| A | B |
|---|----|
| 8 | 14 |
| 3 | 13 |
| 2 | 12 |
| 1 | 11 |
| 0 | 10 |

| A | B |
|---|----|
| 8 | 14 |
| 3 | 13 |
| 1 | 11 |
| 0 | 10 |

| A | B |
|---|----|
| 8 | 14 |
| 3 | 13 |
| 1 | 11 |
| 0 | 10 |

Key

- 1.6" Half-Height Drive
- 1" Low-Profile Drive or Filler Panel
- .5" Drive Spacer

H Service Information

Electronic Support Services

- Internet Web Page <http://www.hp.com/go/netserver>
- Internet FTP <ftp://ftp.hp.com/pub/servers>
- CompuServe Library GO HPPC
- HP Navigator CD

Support Questions

- HP-Authorized Reseller
- CompuServe Discussion Forum GO HPPC
- US / Canada Phone Support 1-208-331-2767
- Europe Phone Support (+31-20) 581-3330 (Netherlands)

HP has offices in over 100 countries. Check your local telephone directory.

Optional HP 3 Year On-Site Support Pack

- H5522A Second Business Day
- H5517A Same Business Day
- H5512A 7 day / 24 hour

Accessories

For a list of tested accessories, download Order Assistant from the HP Web page.

Audience Assumptions

This Technical Reference Card is for trained service personnel. Hewlett-Packard Company assumes you are qualified in the servicing of computer equipment and trained in recognizing hazards in products with hazardous energy levels.

Electrostatic Discharge To avoid catastrophic or hidden damage to components, wear a wrist strap and use a static-dissipative work surface connected to the chassis when handling components. Use an antistatic service kit, such as 3M® 8501/8502/8505 or equivalent.

Before removing covers, disconnect the power cord and unplug telephone cables.

Even at low room temperatures, all covers and panels must be in place to provide controlled airflow for system reliability.

This information is subject to change without notice and is provided without warranty.

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For additional information, see other side.