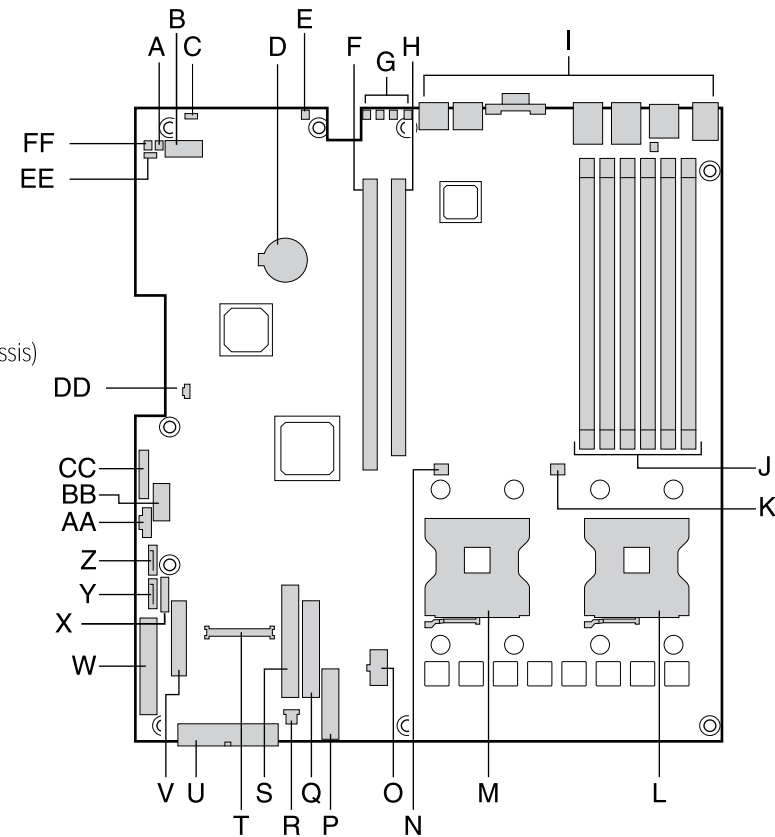# Reference

Server Board Component Layout

A: Hard Disk Drive LED Header
B: Serial Port A Header
C: Status LED
D: Battery
E: ID LED
F: Full-height Riser Connector
G: POST Code LEDs (four)
H: Low-profile Riser Connector
I: Back Panel I/O Connectors
J: DIMM Sockets (six -- from left to
   right: DIMM 3A, DIMM3B,
   DIMM 2A, DIMM 2B, DIMM 1A,
   DIMM1B)
K: CPU1 Fan Header
L: CPU1 Socket
M: CPU2 Socket
N: CPU2 Fan Header
O: Processor Power Connector

P: Fan Pack Header
Q: Floppy Drive Connector
R: PCI Fan Header
S: Primary IDE Connector
T: Floppy / Front Panel / ATA
   (connector for optional backplane)
U: Main Power Connector
V: 50-pin Front Panel Connector
   (optional, may be used for non-Intel chassis)
W: 34-pin Front Panel Connector
X: Configuration Jumpers
Y: SATA 1 Connector
Z: SATA 0 Connector
AA: Power Supply Signal Connector
BB: Optional RMC Connector
CC: Front Panel USB Header
DD: IDE Flash Power Connector
EE: BIOS Select Jumper
FF: Chassis Intrusion Header

Making Connections to the Server Board ... *Quick Reference*

Required Connections
for Selected Chassis

		SR2400
D.	+12V CPU Power Connector	■
I.	Main Power Connector	■
J1.	Front Panel Connector	■ (only if backplane *is not* installed)
J2.	Front Panel Connector	⊘ (not used for SR2400 chassis)
J3.	Backplane Connector	■ (only if backplane *is* installed)
K.	Serial ATA Connectors	■ (one required, one optional)
L.	Auxiliary Signal Connector	■
N.	Front Panel USB	■
P.	Chassis Intrusion	■

⊘ = Do not connect
■ = Make this connection

CPU/System Fan Connections
for Selected Chassis

		SR2400
B.	CPU1 Fan Header	⊘ (not used for SR2400 chassis)
C.	CPU2 Fan Header	⊘ (not used for SR2400 chassis)
E.	System Fan Module Header	■
G.	PCI Fan Connector	■

⊘ = Do not connect
■ = Make this connection

Optional Connections
for Selected Chassis

		SR2400
A.	Serial Port A	■
F.	Floppy Drive	■
H.	Primary IDE Connector	■
M.	RMC Connector	■
O.	IDE Flash Power Connector	■

■ = Make this connection

Note: Not all optional connections
are shown in this diagram. Refer to
your Intel® Server Board SE7320VP2
User Guide and your server chassis
documentation for additional connection
information.
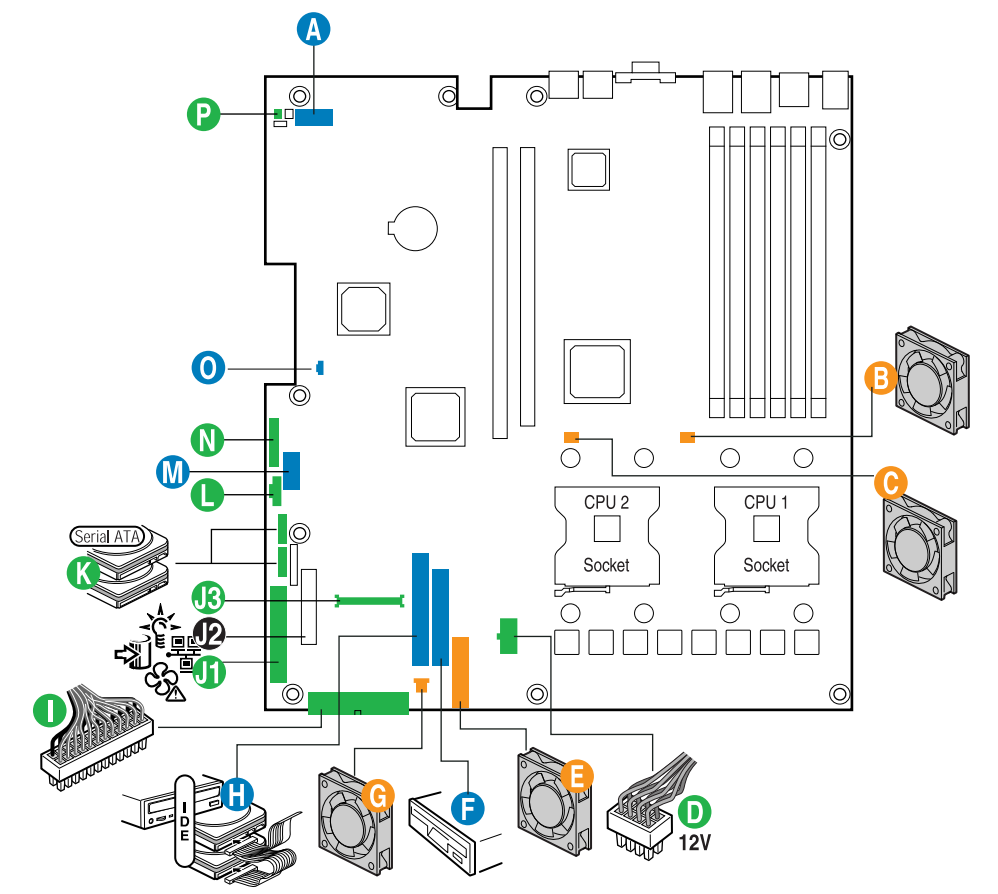
Common Problems and Solutions

For a list of hardware components that have been tested with this system,
see: http://support.intel.com/support/motherboards/server/se7320vp2/

The system does not boot or show video at power-on.
• Check that +12V CPU power connector is plugged in. Without this cable the processors will not have any power.
• If configuring with only one processor verify that the processor is in the Primary Processor socket (CPU 1).
• Remove and replace DIMMs one bank at a time to isolate which one is causing problems.
• Remember, all DIMMs must be:
  • Registered DDR266/333 compliant.
  • The same speed.
  • From the same manufacturer.
  • Installed in pairs, beginning with DIMM 1A and DIMM1B (a single DIMM may be used in either DIMM 1A or DIMM1B).
  • Installed with no empty sockets in between filled sockets.
• Your power supply must provide a minimum of 450W with 1.2A standby current, which complies with the SSI EPS 12V specification.

The system sometimes works, but is exhibiting erratic behavior.
• This is typically the result of using an under-rated power supply. Make sure you are using at least a 450W power supply.

Accessories and Order Codes

Accessories and Order Codes	
Chassis Spares	ADR2UCHSPRKIT
Electrical Spares	ADW1UEESPRKIT
2U Low-profile Riser	ADRLPRISER
2U FullHeight PCI-Express Riser	ADRPCIEXPR
2U Full Height PCI-X Riser	ADRPCIXRIS
2U SATA Backplane Kit	A2400SATAKIT
Tape Accessory Kit	ADRTAPEKIT
6th Drive SATA	ADRSIXDSATA
2U Redundant Fans Kit	ADRREDFANS
700 Watt Power Supply	ADR700WPS

A complete list of accessories and spares can be found at:
www.intel.com/go/serverbuilder