A guide for technically qualified persons

Intel® Server Board SCB2 Quick Start Guide

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이 설명서의 번역본은 다음 주소에서 얻을 수 있습니다.
您可在下列网址上查阅到本指南的译文:
http://support.intel.com/support/motherboards/server/SCB2/manual.htm

Order Number: A55877-003

Before You Begin

Emissions Disclaimer

To ensure EMC compliance with your local regional rules and regulations, the final configuration of your end system product may require additional EMC compliance testing. For more information please contact your local Intel Representative.

See the *Intel® Server Board SCB2 Product Guide* for product Safety and EMC regulatory compliance information. This is an FCC Class A device. Integration of it into a Class B chassis does not result in a Class B device.

Safety Cautions

CAUTIONS

Pressing the power button does not turn off power to this board. Disconnect the server board from its power source and from any telecommunications links, networks, or modems before doing any of the procedures described in this guide. Failure to do this can result in personal injury or equipment damage. Some circuitry on the server board may continue to operate even though front panel power button is off.

Read and adhere to all warnings, cautions, and notices in this guide and the documentation supplied with the chassis, power supply, and accessory modules. If the instructions for the chassis and power supply are inconsistent with these instructions or the instructions for accessory modules, contact the supplier to find out how you can ensure that your computer meets safety and regulatory requirements.

Electrostatic discharge (ESD) can damage server board components. Do the described procedures only at an ESD workstation. If no such station is available, you can provide some ESD protection by wearing an antistatic wrist strap and attaching it to a metal part of the computer chassis.

Items Provided on the Bootable CD-ROM

Intel Server Board SCB2 Product Guide
Intel® SR1200 Server Chassis Subassembly Product Guide
Intel® SR2200 Server Chassis Subassembly Product Guide
Software drivers and utilities
To view the product guides, boot to Windows† 95/Windows NT† / Windows 98/Windows 2000 and use Adobe† Acrobat†.

Safety and Regulatory Compliance

See the *Intel Server Board SCB2 Product Guide* for product Safety and EMC regulatory compliance information.

Intended uses: This product was evaluated for use in servers that will be installed in offices, computer rooms, and similar locations. Other uses require further evaluation.

EMC testing: Before computer integration, make sure that the chassis, power supply, and other modules have passed EMC testing using a server board with a microprocessor from the same family (or higher) and operating at the same (or higher) speed as the microprocessor used on this server board.

Server board diagram label provided: Place the label inside the chassis in an easy-to-see location, preferably oriented similarly to the server board.

Minimum Hardware Requirements

To avoid integration difficulties and possible board damage, your system must meet the following minimum requirements. For a list of qualified memory and chassis components see:

http://support.intel.com/support/motherboards/server/

Processor

Minimum of one Intel® Pentium® III processor FC-PGA2. For a complete list of supported processors see:

http://support.intel.com/support/motherboards/server/scb2

Memory

Minimum of 128 MB of 133 MHz, 3.3 V, ECC, PC/133 compliant registered SDRAM on 168 pin gold DIMMs.

Power Supply

Minimum of 250 W with 0.8 A +5 V standby current (in order to support Wake On LAN† (WOL)). You must provide standby current, or the board will not boot.

Installation Notes

Installation Process Quick Reference

Step	Where the information is located
Install the primary processor	This guide
Install the processor terminator (or second processor)	This guide
Install memory	This guide
Remove the access cover	Your chassis manual
Install the I/O shield	This guide
Rearrange the standoffs	This guide
Install the server board	This guide
Connect cables to the server board	This guide and your chassis manual
Finish setting up your chassis	Your chassis manual

Common Problems

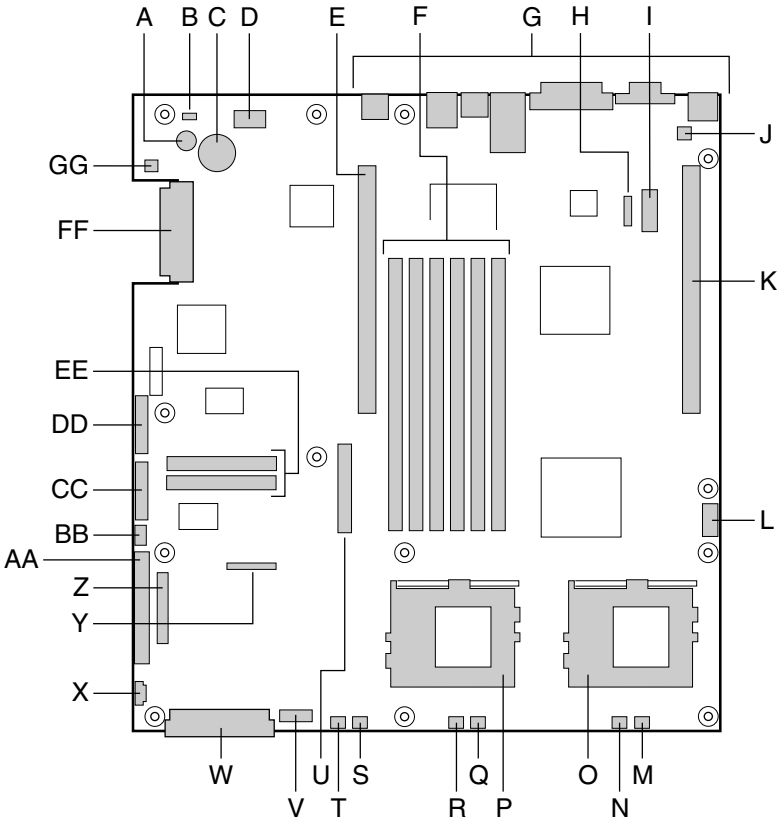
The system does not boot or show video at power on.

- If configuring with only one processor verify that the processor is in the Primary Processor socket and a terminator is in the Secondary Processor socket. (See the Server Board Components diagram on page 5).
- Beep code 1-3-3-1 means you have unrecognized or bad memory. Remove and replace DIMMs one at a time to isolate which one is causing problems. DIMMs must be populated in pairs.
- Your power supply must provide 0.8 A of +5 V Standby current to support WOL. If the standby current is not present, your board will not boot.

The system sometimes works, but is exhibiting erratic behavior.

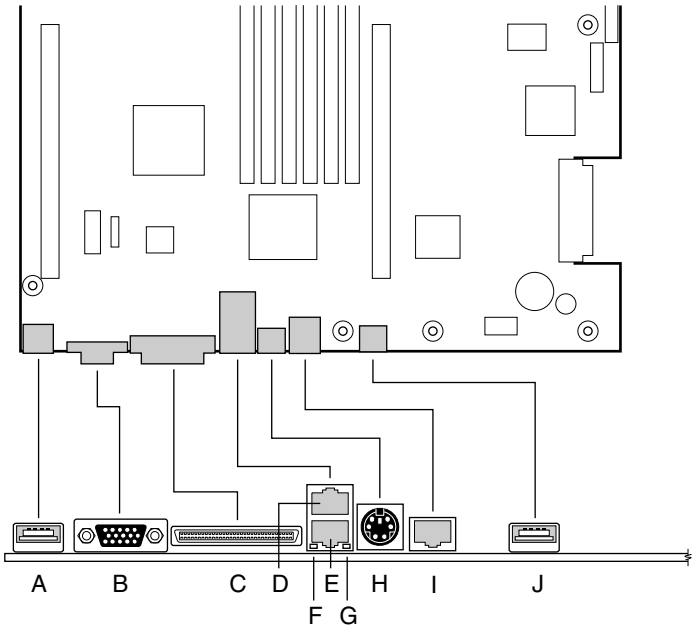
- This is typically the result of using an under-powered power supply. Make sure you are using at least a 250 W power supply.

Server Board Components



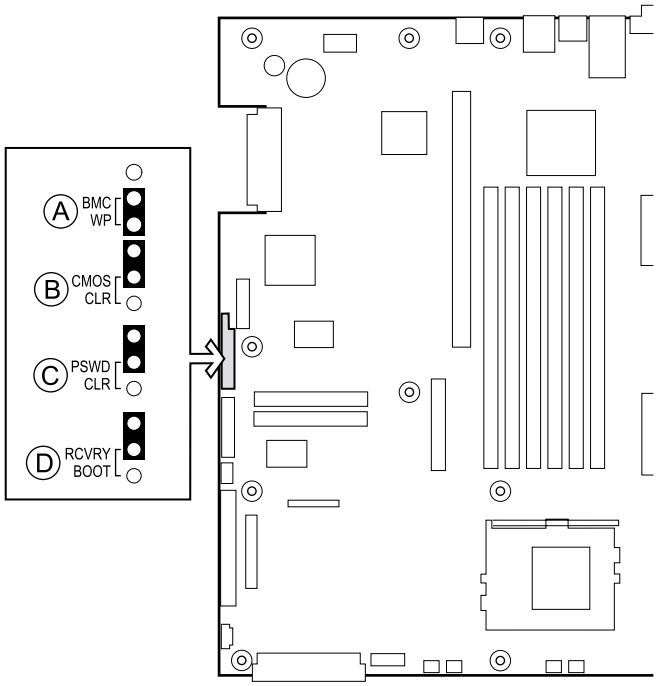
A. Speaker
B. ID LED
C. Battery
D. Diagnostic LEDs (POST code)
E. 66 MHz/64-bit PCI riser slot (full height)
F. DIMM slots
G. I/O ports
H. ICMB connector
I. COM 1 serial header
J. Chassis intrusion connector
K. 66 MHz/64-bit PCI riser slot (low profile)
L. USB 3 & 4 header
M. Sys fan 3 connector
N. CPU 2 fan connector
O. Secondary processor socket
P. Primary processor socket
Q. Sys fan 2 connector
R. CPU 1 fan connector
S. Sys fan 1 connector
T. Aux fan connector
U. Floppy drive connector
V. Fan module connector
W. Main power connector
X. Auxiliary signal connector
Y. Floppy/FP/IDE connector
Z. Alternate front panel connector
AA. ATA/IDE connector
BB. IPMB connector
CC. SSI front panel connector
DD. Configuration jumper block
EE. ATA-100 connectors (ATA version only)
FF. SCSI connector (SCSI version only)
GG. Hard Disk Drive LED header

Back Panel Connectors



A. USB 1 connector
B. Video connector
C. SCSI connector (SCSI server board only)
D. NIC 2 RJ-45 connector
E. NIC 1 RJ-45 connector
F. Green Status LED
G. Yellow Status LED
H. PS/2† keyboard/mouse connector
I. RJ-45 serial port
J. USB 2 connector

Jumpers



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Configuration Jumper

Jumper Name	Pins	What it does at system reset
BMC WP	A	BMC boot block is write protected (normal operation). If these pins are **not** jumpered, BMC boot block is erasable and programmable at next reset.
CMOS CLR	B	If these pins are jumpered, the CMOS settings are cleared. These pins should **not** be jumpered for normal operation.
PSWD CLR	C	If these pins are jumpered, the CMOS password is cleared. These pins should **not** be jumpered for normal operation.
RCVRY BOOT	D	If these pins are jumpered, the system will attempt BIOS recovery. These pins should **not** be jumpered for normal operation.

Installation Procedures

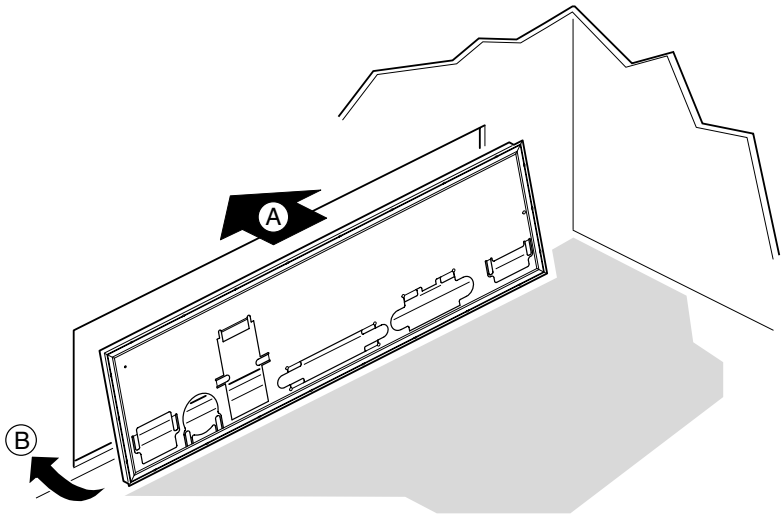
Install the I/O Shield

NOTE

An ATX 2.03-compliant I/O shield is provided with the server board. The shield is required by Electromagnetic Interference (EMI) regulations to minimize EMI. If the shield does not fit the chassis, obtain a properly sized shield from the chassis supplier. The I/O shield does not support the use of the USB 2 connector.

The shield fits the rectangular opening in the back of a chassis. The shield has cutouts that match the I/O ports.

1. Install the shield from inside the chassis. Orient the shield so that the cutouts align with the corresponding I/O connectors on the server board. Make sure the metal fingers are on the inside of the chassis.
2. Position one edge (A) so that the dotted groove is outside the chassis wall, and the lip of the shield rests on the inner chassis wall.
3. Hold the shield in place, and push it into the opening (B) until it is seated. Make sure the I/O shield snaps into place all the way around.



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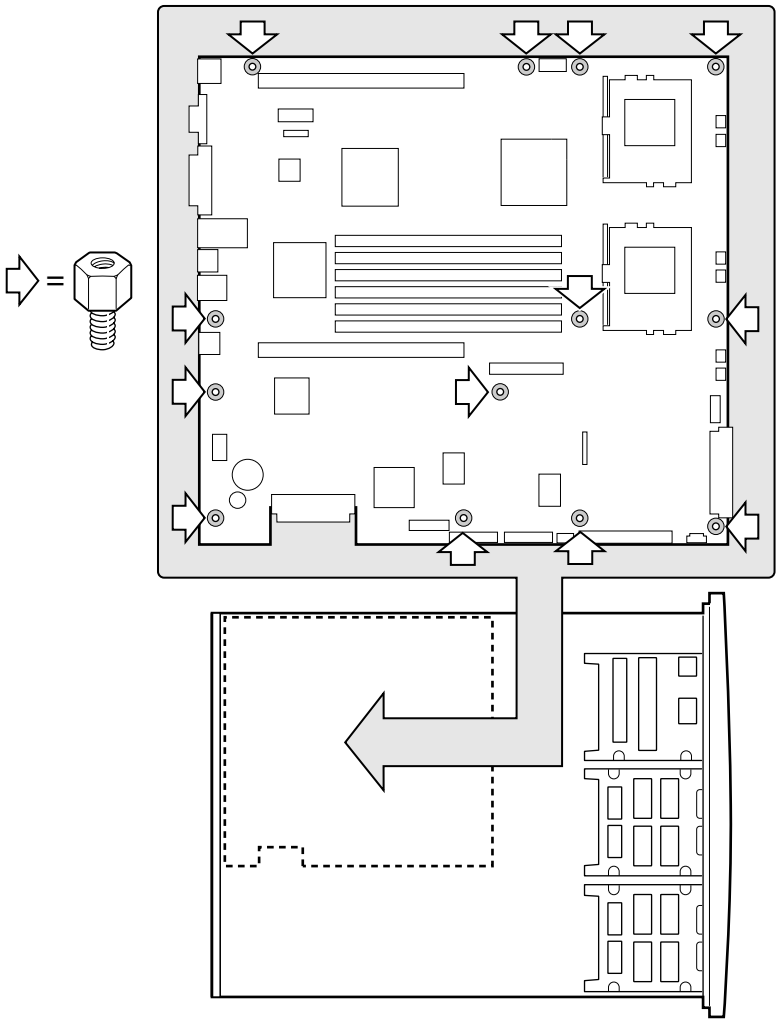
Rearrange the Standoffs

If your chassis does not have board mount standoffs placed as shown, you must rearrange them so they match the holes in the server board. Failure to properly rearrange the metal standoffs may cause the server board to malfunction and may permanently damage it. Your chassis may be different from the illustration.



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Server Board Bumpers

If you are installing your server board in a non-Intel chassis, you must provide and install rubber bumpers at the locations shown below. They must be the same height as the existing board mount standoffs.

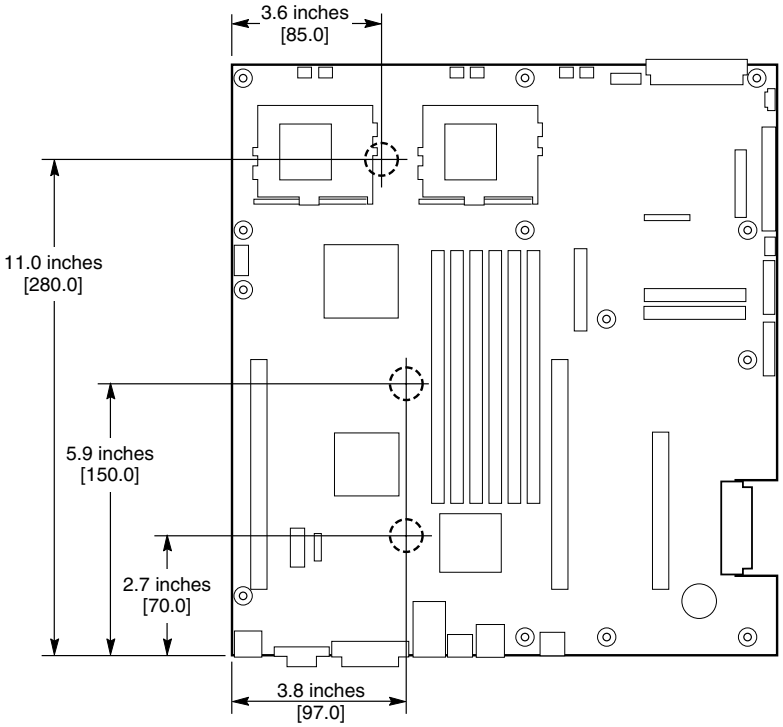
CAUTIONS

You must install rubber bumpers in all nonIntel® chassis that do not already support the board at the locations shown in the illustration.

The rubber bumpers you provide and install must be the same height as the existing board mount standoffs to properly support your new board.

Failure to install bumpers, or installing bumpers that are too tall or too short, may damage your board.

DO NOT INSTALL server board bumpers in the Intel® SR1200 and SR2200 server chassis.



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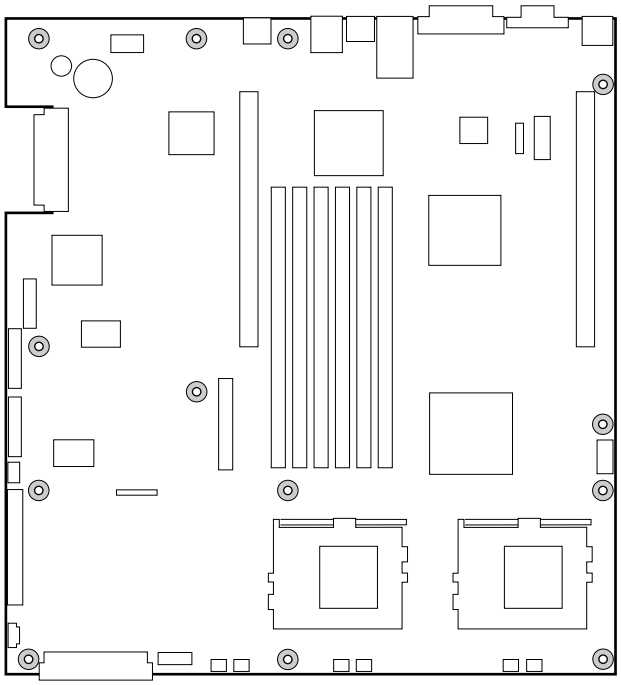
Install the Server Board

To ensure proper grounding and support, it is recommended that you install screws in all the required mounting holes for your chassis. You may need to move cables out of the way to properly install your server board.

1. While placing the board on the chassis standoffs, carefully position the board I/O connectors into the rear chassis I/O openings.
2. Adjust board position to align mounting holes with standoffs.
3. Using the screws that came with your chassis, mount the board to the chassis.



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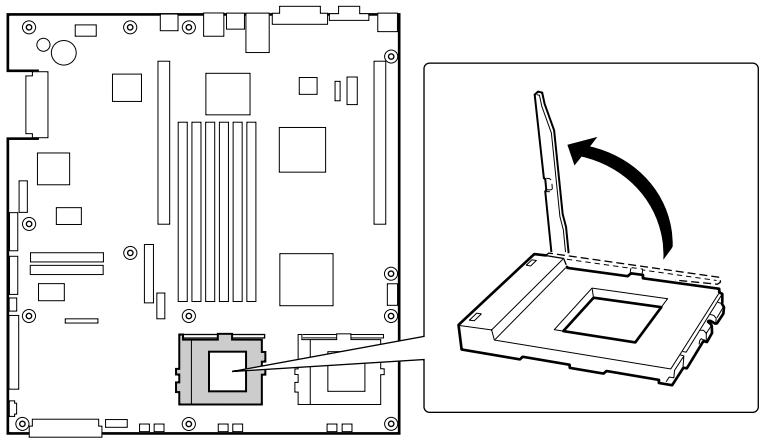
Installing Processors

1 Observe the safety and ESD precautions at the beginning of this document.

2 Raise the locking bar on the socket.



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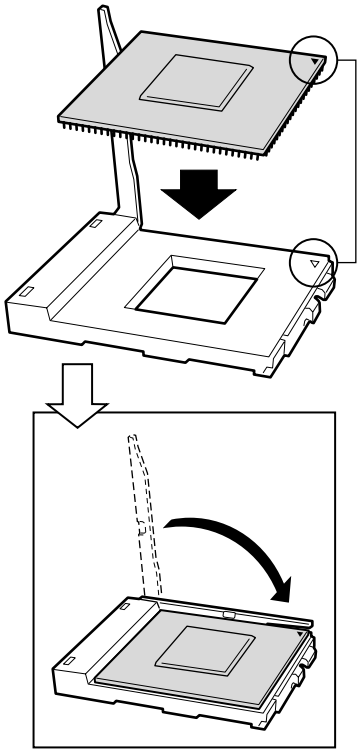
3 Aligning the pins of the processor with the socket, insert the processor into the socket.

4 Lower the locking bar completely.



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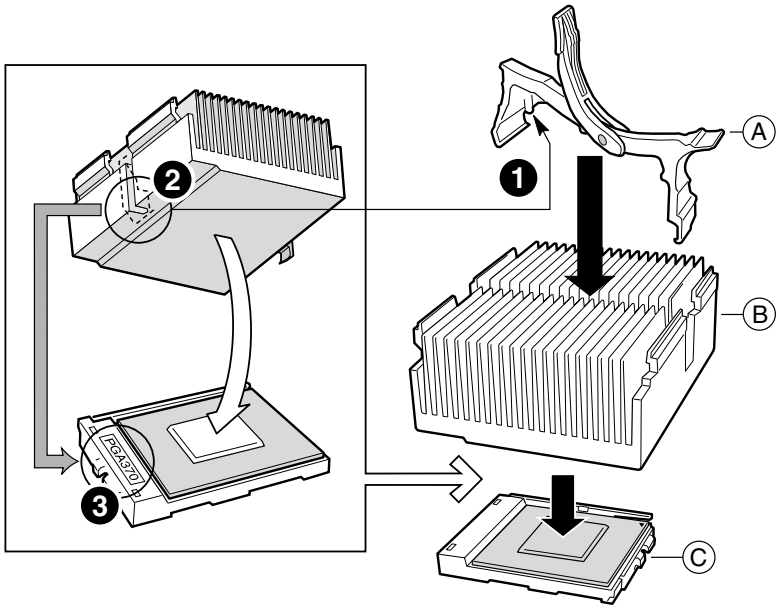
5 Following the instructions packaged with the applicator, apply thermal grease to the processor.

6 Position the heat sink slot (2) above the socket/processor slot (3).

7 Aligning the raised metal surfaces, place the heat sink on top of the processor.

8 Install the heat sink clip with pin (1) inserted into slot (2).

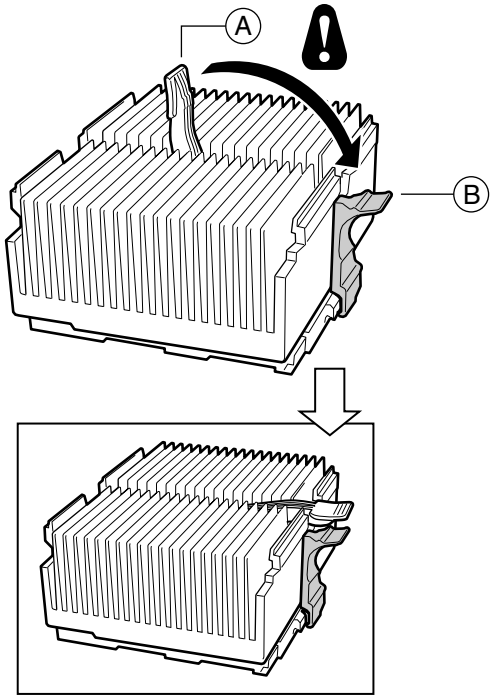


A. Heat sink retention clip
B. Heat sink
C. Socket and processor

CAUTION

Use care when closing the locking lever—do it slowly.

9 Slowly close the locking lever (A) until it contacts tab (B).



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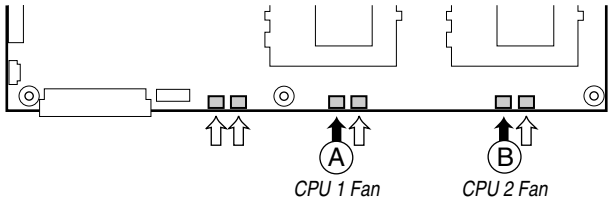
NOTE

If you are integrating a 1U chassis, do not install a fan on the processor heat sink. If it is a 2U chassis, proceed to the next step.

10 Following the instructions provided with the processor, install the fan on the processor heat sink.

11 Connect the fan to (A) if it is on the primary processor or to (B) if it is on the secondary processor.



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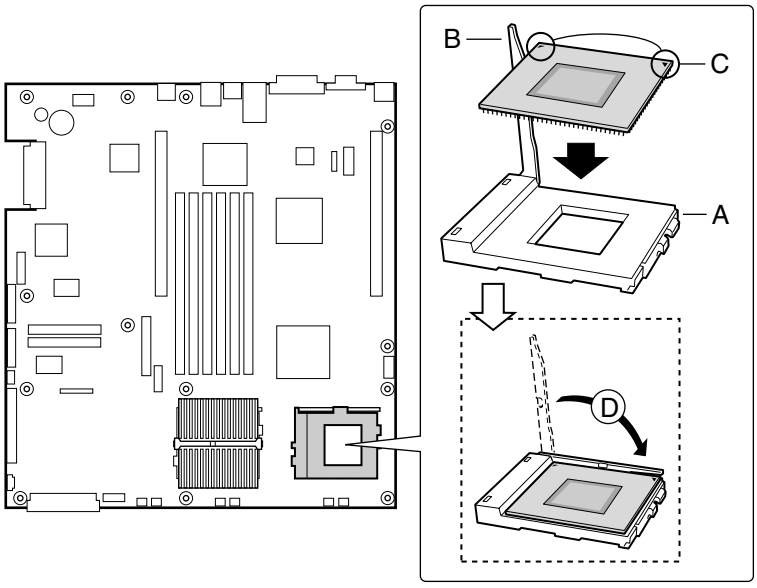
Install the Processor Terminator

If you are installing only one processor, you **must** install a terminator in the secondary processor socket (A). If you are installing two processors, skip this section.

1. Raise the locking bar (B) on the socket.
2. Aligning the two corner marks on the terminator with the handle-side of the socket (C), insert the terminator into the socket.
3. Lower the locking bar completely (D).



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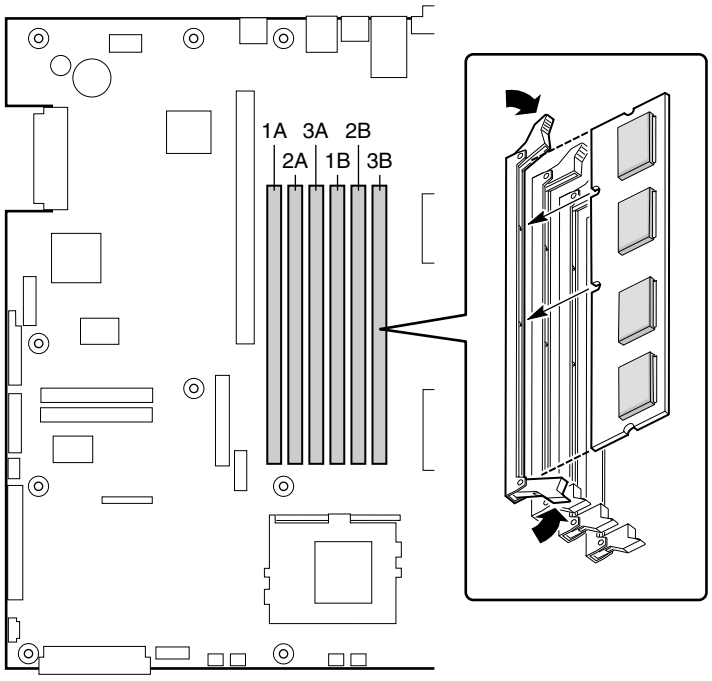
Memory

Only PC133-compliant SDRAM is supported by the server board. Install from 128 MB to 6 GB of registered, ECC memory, using up to six DIMMs. A 1U chassis requires low-profile (LP) 1.2-inch DIMMs.

DIMMs must be installed in pairs and in the following order: 1a and 1b, 2a and 2b, 3a and 3b.

Installed DIMMs must be the same speed and must all be registered. For a list of supported memory, call your service representative or visit the Intel Support website:

http://support.intel.com/support/motherboards/server



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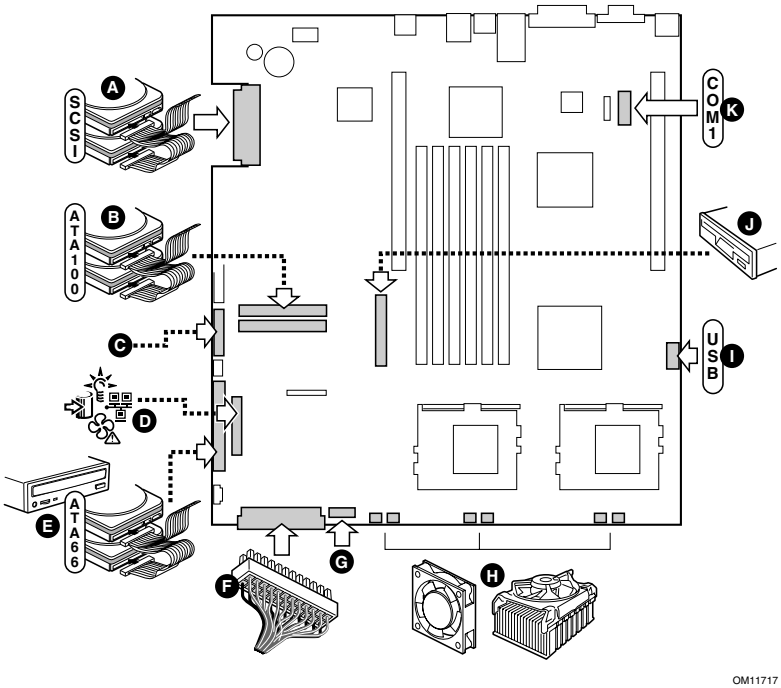
Connect Cables



Before connecting cables, consult the documentation supplied with your chassis.

A. SCSI connector (SCSI server board only)
B. ATA-100 primary/secondary connectors (ATA server board only)
C. SSI front panel connector (see the server board diagram label for pin out)
D. Front panel connector (For use in a non Intel chassis only)
E. IDE connector (For use in a non Intel chassis only)
F. Main power connector
G. Fan module connector (7-pin)
H. Fan connectors (system and processor)
I. USB header
J. Floppy connector (For use in a non Intel chassis only)
K. COM 1 header
L. Combined Floppy/Front Panel/IDE connector (For use in an Intel chassis only)

Finish Setting up Your Chassis

You are now ready to install drives into your chassis. We recommend you install drives before connecting their data cables to the server board.

Getting Help

World Wide Web

http://support.intel.com/support/motherboards/server/SCB2

Telephone

Talk to a Customer Support Technician*. Credit card calls billed at U.S. $25 per incident, levied in local currency at the applicable credit card exchange rate plus applicable VAT. (Intel reserves the right to change pricing for telephone support at any time without notice).

In U.S. and Canada:		1-800-404-2284	
In Europe:			
UK	0870 6072439	Finland	9 693 79297
France	01 41 918529	Denmark	38 487077
Germany	069 9509 6099	Norway	23 1620 50
Italy	02 696 33276	Sweden	08 445 1251
Spain	91 377 8166	Holland	020 487 4562
In Asia-Pacific region:			
Australia	1800 649931	Indonesia	803 65 7249
Hong Kong	852 2 844 4456	Malaysia	1-800 80 1390
Korea	822 767 2595	New Zealand	0800 444 365
PRC	800 820 1100	Pakistan	632 6368415
Singapore	65 213-1311	Philippines	1-800 1 651 0117
Taiwan	2 2718 9915	Thailand	1-800 6310003
India	0006517-2-830 3634	Vietnam	632 6368416
In Japan			
0120-868686 (Domestic)		81-298-47-0800 (Out side country)	
In Latin America		Chile	800-532-992
Brazil	0021-0811-408-5540	Ecuador	999-119, 800-628-8686 (via AT&T)
Mexico	001-800-6288686	Guatemala	99-99-190, 800-628-8686 (via AT&T)
Colombia	980-9-122-118	Venezuela	800-11-120, 800-628-8686 (via AT&T)
Costa Rica	0-800-011-0395	Argentina	001-800-222-1001, 800-628-8686 (via AT&T)
Panama	001-800-628-8686	Paraguay	008-11 800,628-8686 (via AT&T)
Miami	1-800-621-8423	Peru	0-800-50288, 800-628-8686 (via AT&T)
		Uruguay	000-410, 800-628-8686 (via AT&T)

*Or contact your local dealer or distributor.

For an updated support contact list, please see: *http://www.intel.com/support/9089.htm*

Technical Training & Support

If you are registered in the Intel Product Dealer Program (North America), the Genuine Intel Dealer Program (Asia-Pacific Region), or the Intel Product Integrator Program (Europe/Latin America), you are eligible for technical training and support.

In U.S. and Canada: **1-800-538-3373**, ext. 442 (M–F, 5:00 *am*–5:00 *pm*, PST)
In Europe: contact your distributor or fax your details to European Literature on **+44 (0) 1793 513142**.

In Asia: **+65-831-1379** (M–F, 8:30 a*m*–5:30 *pm*, Singapore local time) or via e-mail: **APAC_gid@ccm.isin.intel.com**

本指南供合格的技术人员使用

Intel® 服务器母板 SCB2 快速入门指南

Translations of this guide are available at:
Übersetzungen dieses Handbuchs sind erhältlich bei:
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欲取得本指南的翻譯版本，請造訪下列網址：
이 설명서의 번역본은 다음 주소에서 얻을 수 있습니다.
您可在下列网址上查阅到本指南的译文:
http://support.intel.com/support/motherboards/server/SCB2/manual.htm

开始之前

辐射免责声明

为确保 EMC 符合您当地的规定和规章，您的最终系统产品的最后配置可能需要额外的 EMC 标准符合测试。有关详情，请与您当地的 Intel 代表处联系。

有关本产品符合的安全规范和电磁兼容性 (EMC) 规范的信息，请参阅《Intel® 服务器母板 SCB2 产品指南》。本产品为 FCC A 类设备。将它组装到 B 类机箱中并不能称其为 B 类设备。

安全警告

注意

按下电源按钮并不能关闭此母板的电源。在进行本指南所述的任何操作之前，请将服务器母板的电源以及所有电信链路、网络或调制解调器断开。否则，可能会导致人身伤害或损坏设备。即使在前面板电源按钮已关闭之后，服务器母板上的某些电路仍可能继续工作。

请认真阅读并遵守本指南以及随机箱、电源系统和附件模块附送的文档中所包含的全部警告、注意事项和声明。如果机箱和电源系统提供的说明与本指南所述的说明或附件模块的说明不一致，请与供应商联系，以决定采用何种方法才能保证您的计算机符合安全和规章要求。

静电释放 (ESD) 会损坏服务器母板元件。只能在防静电工作台上执行本章所述的所有步骤。如果没有这样的工作台，您可以戴上防静电腕带，并将其连在计算机机箱的金属部分，以获得一定的 ESD 保护。

可启动 CD-ROM 上提供的项目

《Intel 服务器母板 SCB2 产品指南》
Intel® SR1200 Server Chassis Subassembly Product Guide
（Intel SR1200 服务器机箱组件产品指南）
Intel® SR2200 Server Chassis Subassembly Product Guide
（Intel SR2200 服务器机箱组件产品指南）
软件驱动程序和实用程序
要查阅产品指南，请启动 Windows† 95/Windows NT† /
Windows 98 / Windows 2000，然后使用 Adobe† Acrobat† 进行查看。

符合的安全标准与规范

有关本产品符合的安全规范和电磁兼容性 (EMC) 规范的信息，请参阅《Intel 服务器母板 SCB2 产品指南》。

设计应用领域：本产品已通过鉴定，用于安装在办公室、计算机房以及类似场所的服务器上。其它场所的应用有待于进一步鉴定。

EMC 测试：在组装计算机之前，请先确认机箱、电源系统及其它模块在与服务器母板及微处理器组合下均已通过 EMC 测试，且测试所用的微处理器必须与本服务器母板上使用的处理器为同一系列（或更高级）的产品、并以相同（或更快）速度来测试。

提供的服务器母板图示标签：请将此图示标签粘贴在机箱内容易看到的地方，并且最好与服务器母板的方向相同。

最低硬件要求

为避免造成组装困难及可能对母板造成损坏，您的系统必须满足以下最低要求。欲查看合格的内存及机箱组件的列表，请访问以下站点：

http://support.intel.com/support/motherboards/server/

处理器

至少只采用 FC-PGA2 封装的 Intel® Pentium® III 处理器。欲查看所支持处理器的完整列表，请访问以下站点：

http://support.intel.com/support/motherboards/server/scb2

内存

在 168 针镀金 DIMM 上，应至少配备 128 MB 的 133 MHz、3.3 V、ECC、并符合 PC/133 标准的寄存式 SDRAM。

电源系统

至少配备 250W、0.8A、+5V 的备用电流以支持 Wake On LAN† (WOL) 技术。必须提供备用电流，否则母板将不启动。

安装说明

安装过程快速参考

步骤	信息位置
安装主处理器	本指南
安装处理器终接器（或次处理器）	本指南
安装内存	本指南
拆卸箱盖	机箱手册
安装 I/O 防护板	本指南
重新摆放支撑立柱	本指南
安装服务器母板	本指南
连接服务器母板电缆	本指南和机箱手册
完成安装机箱	机箱手册

常见问题

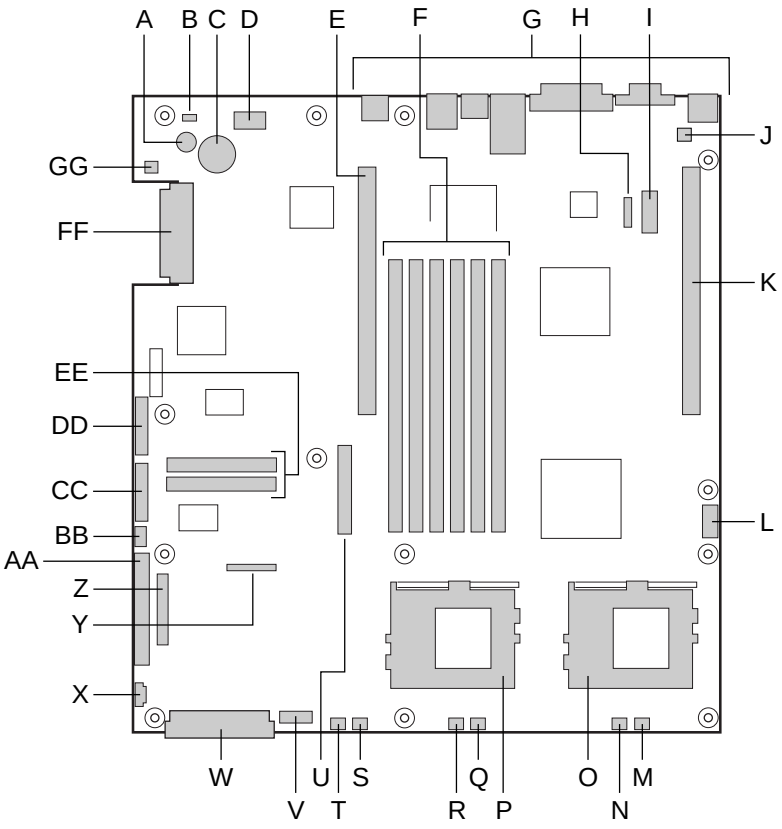
系统接通电源后无法启动或无视频显示。

- 如果仅配置一只处理器，检查此处理器是否安装在主处理器插座中，而且终接器安装在次处理器插座中。请参阅第 5 页的服务器母板元件图。
- 笛音码 1-3-3-1 表示无法识别内存或内存已损坏。每次拆下一条 DIMM 内存模块，以查出哪一条出现了问题。DIMM 内存模块必须成对安装。
- 您的电源系统必须能提供 +5 V、0.8 A 的备用电流以支持 WOL。如果没有备用电流，母板将不启动。

系统有时工作，但运行时有错误发生：

- 这通常是由于所使用的电源系统功率不足。确保所用电源系统的功率至少为 250 W。

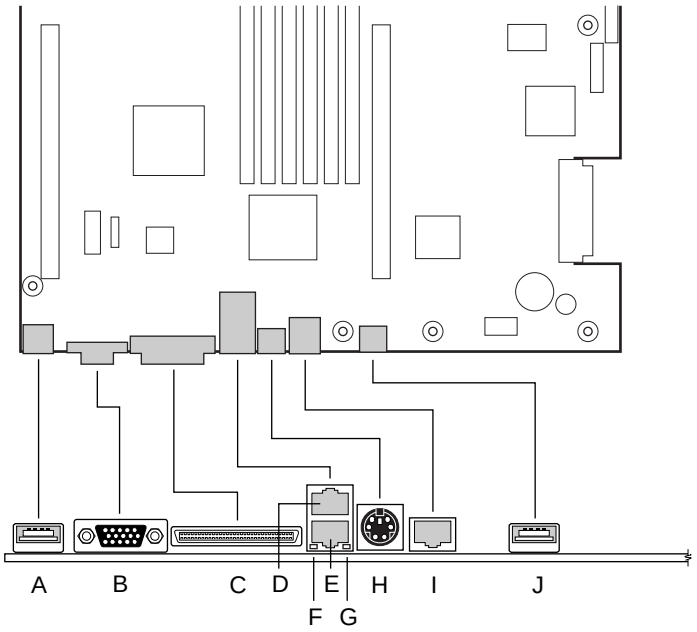
服务器母板元件



OM11707

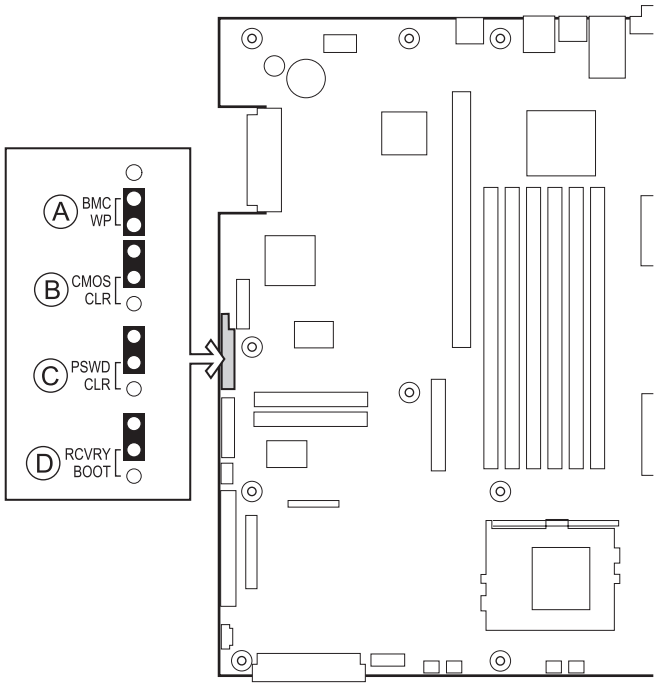
A. 扬声器
B. ID LED 指示灯
C. 电池
D. 诊断 LED 指示灯（POST 代码）
E. 66 MHz/64 位 PCI 提升器插槽（全高）
F. DIMM 插槽
G. I/O 端口
H. ICMB 连接器
I. COM 1 串行端接器
J. 机箱开启连接器
K. 66 MHz/64 位 PCI 提升器插槽（短型）
L. USB 3 和 4 端接器
M. 系统风扇 3 连接器
N. CPU 2 风扇连接器
O. 次处理器插座
P. 主处理器插座
Q. 系统风扇 2 连接器
R. CPU 1 风扇连接器
S. 系统风扇 1 连接器
T. 辅助风扇连接器
U. 软盘驱动器连接器
V. 风扇模块连接器
W. 主电源连接器
X. 辅助信号连接器
Y. 软盘驱动器 / FP / IDE 连接器
Z. 备用前面板连接器
AA. ATA / IDE 连接器
BB. IPMB 连接器
CC. SSI 前面板连接器
DD. 配置跳线块
EE. ATA-100 连接器
（仅限于 ATA 版）
FF. SCSI 连接器
(仅限于 SCSI 版)
GG. 硬盘驱动器 LED 指示灯端接器

背面板连接器



A. USB 1 连接器
B. 视频连接器
C. SCSI 连接器（仅限于 SCSI 服务器母板）
D. NIC 2 RJ-45 连接器
E. NIC 1 RJ-45 连接器
F. 绿色状态 LED 指示灯
G. 黄色状态 LED 指示灯
H. PS/2† 键盘 / 鼠标连接器
I. RJ-45 串行端口
J. USB 2 连接器

跳线



配置跳线

跳线名称	插针	在系统复位时的动作
BMC WP	A	BMC 启动块受到写保护（正常操作）。如果这些插针未接通，则在下一次复位时可擦除或编程修改 BMC 启动块。
CMOS CLR	B	如果这些插针接通，则清除 CMOS 设置。正常操作时，不应接通这些插针。
PSWD CLR	C	如果这些插针接通，则清除 CMOS 密码。正常操作时，不应接通这些插针。
RCVRY BOOT	D	如果接通这些插针，系统将试图恢复 BIOS。正常操作时，不应接通这些插针。

安装步骤

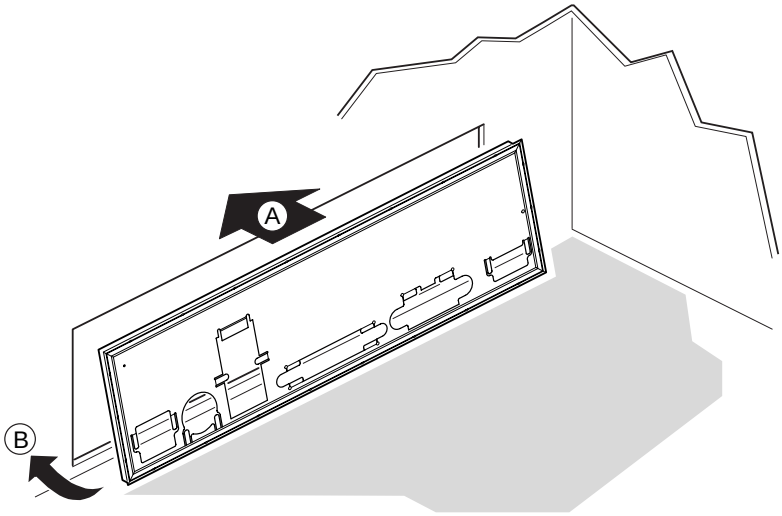
安装 I/O 防护板

注释

随本服务器母板提供了一块符合 ATX 2.03 标准的 I/O 防护板。电磁干扰 (EMI) 规章要求使用防护板，以便使 EMI 减至最小。如果防护板不适合机箱的尺寸，请从机箱供应商处获得合适尺寸的防护板。此 I/O 防护板不支持使用 USB 2 连接器。

此防护板与机箱背面的矩形开口尺寸吻合。防护板上的切口与 I/O 端口的位置相吻合。

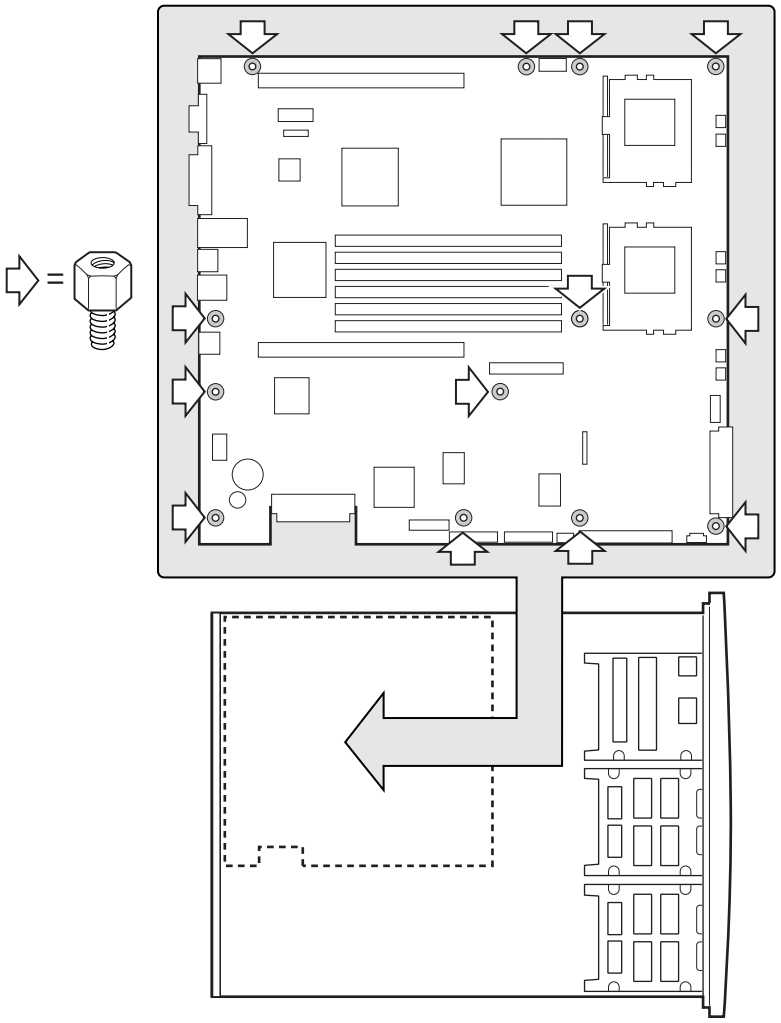
1. 从机箱内部安装防护板。调整好防护板的方向，使防护板上的切口与服务器母板上相应的 I/O 连接器位置对齐。确保指状金属元件位于机箱内部。
2. 先将一边 (A) 对好位置，使虚线凹槽位于机箱壁的外侧，而防护板的凸缘位于机箱壁内侧。
3. 用手握住防护板，并将其推入开口处 (B) 直至固定到位。确保 I/O 防护板完全嵌入到位。



OM12162

重新摆放支撑立柱

如果您的机箱中用于固定服务器母板的支撑立柱未置放在如图所示的位置处，则必须重新摆放这些支撑立柱，使它们与服务器母板的固定孔位对齐。若未能重新正确摆放金属支撑立柱，则可能导致服务器母板出现故障，甚至永久性地损坏服务器母板。您的机箱可能与此处的图示有所不同。



OM11716B

服务器母板止动胶垫

如果您在非 Intel 机箱中安装本服务器母板，您必须提供止动胶垫并将其安装在下图所示的位置处。止动胶垫的高度必须与现有的母板安装支撑立柱的高度相同。

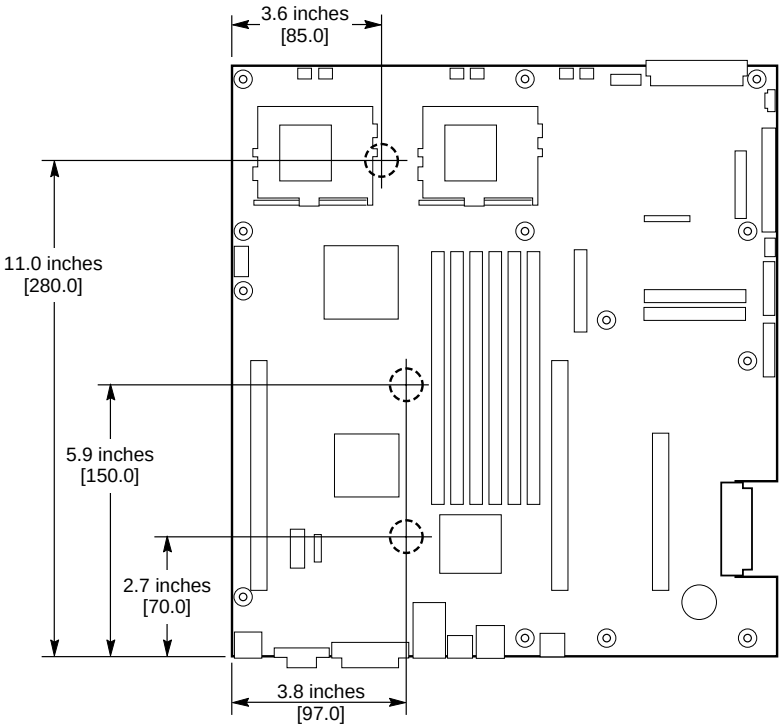
注意

在所有非 Intel® 机箱中，若机箱不支持图中所示的安装母板的固定位，则必须安装止动胶垫。

您所提供和安装的止动胶垫高度必须与现有的母板安装支撑立柱的高度相同，以便正确地支撑您的新母板。

如果未安装止动胶垫，或所安装的止动胶垫太高或太低，则可能损坏您的母板。

在 Intel® SR1200 和 SR2200 服务器机箱中安装服务器母板时，切勿安装止动胶垫。



OM12372

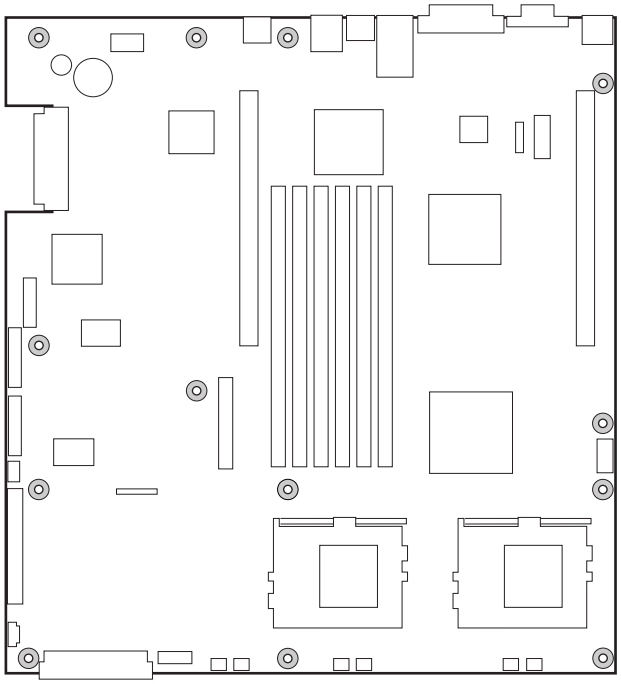
安装服务器母板

为确保正确接地及稳固支撑服务器母板，建议您在机箱上的所有固定孔位上都安装螺丝。可能需要拨下电缆以正确安装服务器母板。

1 将母板放置到机箱支撑立柱上时，请小心对齐位置，使板上的 I/O 连接器从机箱背面的相应开口位伸出。

2 调整好母板的位置，使固定孔位与支撑立柱对齐。

3 使用随机箱提供的螺丝，将母板固定到机箱内。

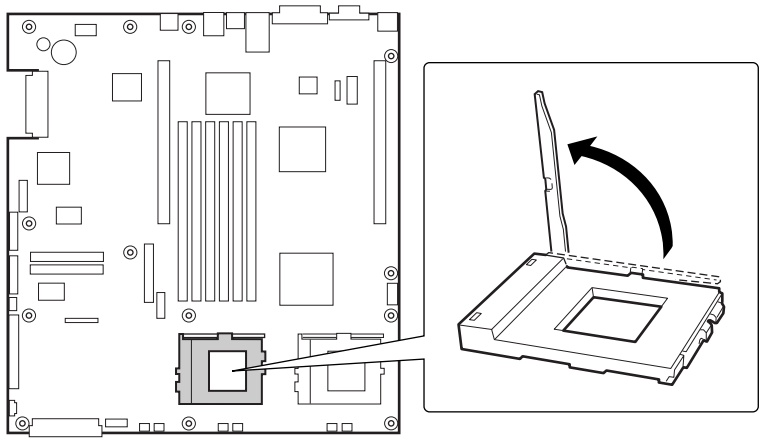


OM11716A

安装处理器

1 请遵守本文档开始部分所述的安全与 ESD 注意事项。

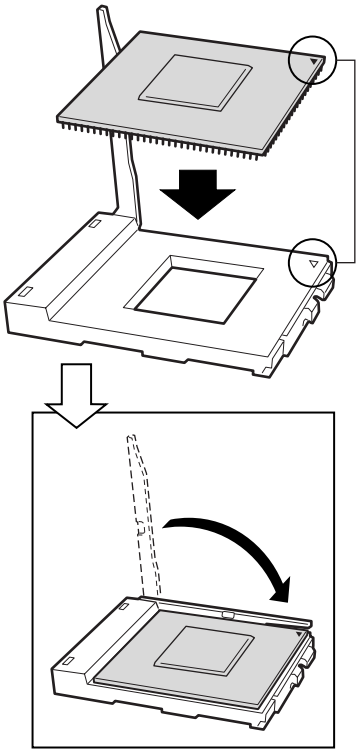
2 抬起处理器插座上的锁定拉杆。



OM11711

3 将处理器引脚对准插座的针孔位，将处理器插入插座。

4 将拉杆按回原位，使其完全闭合。



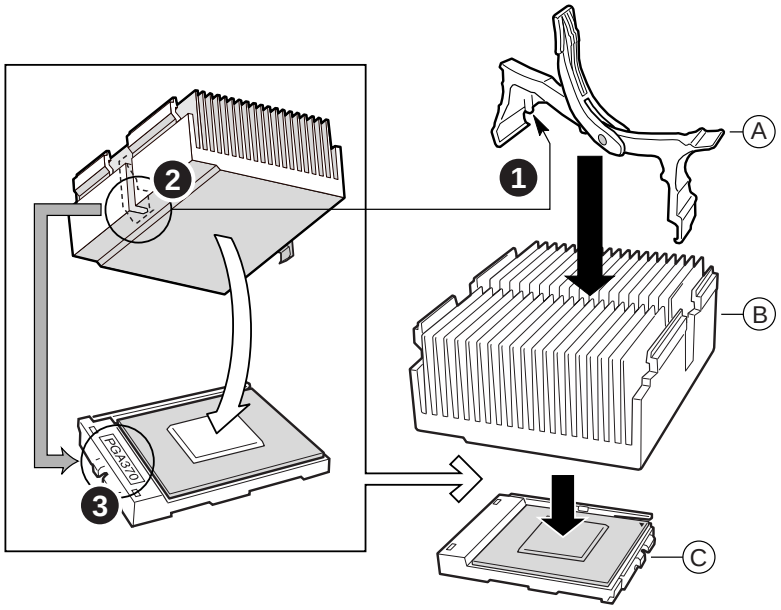
OM11712

5 请参阅随注油器提供的说明，向处理器中加注耐热油脂。

6 将散热器插槽 (2) 置放在处理器插座或处理器插槽 (3) 之上。

7 对齐伸出的金属面，将散热器放在处理器上面。

8 将散热器夹片的插针 (1) 插入插槽 (2) 中。

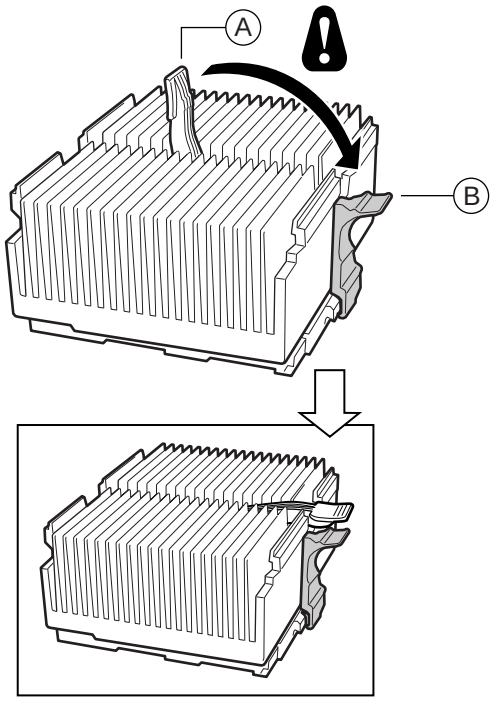


A. 散热器固定夹片
B. 散热器
C. 处理器插座和处理器

注意

在按下处理器插座拉杆将其闭合时请小心操作，应缓慢地将其按回原位。

9 缓慢地将锁定拉杆 (A) 按下，直到拉杆接触到卡固夹 (B)。



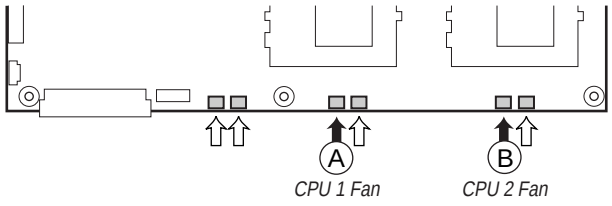
OM11709A

注释

如果您正在 1U 机箱中安装处理器，不要在处理器散热器上安装风扇。如果是在 2U 机箱中安装，则继续下一步骤。

10 按照随处理器提供的指导说明，将风扇安装在处理器散热器上。

11 若为主处理器安装散热器风扇，将风扇安装到 (A) 位置；若为次处理器安装散热器风扇，则将风扇安装到 (B) 位置。



OM12163

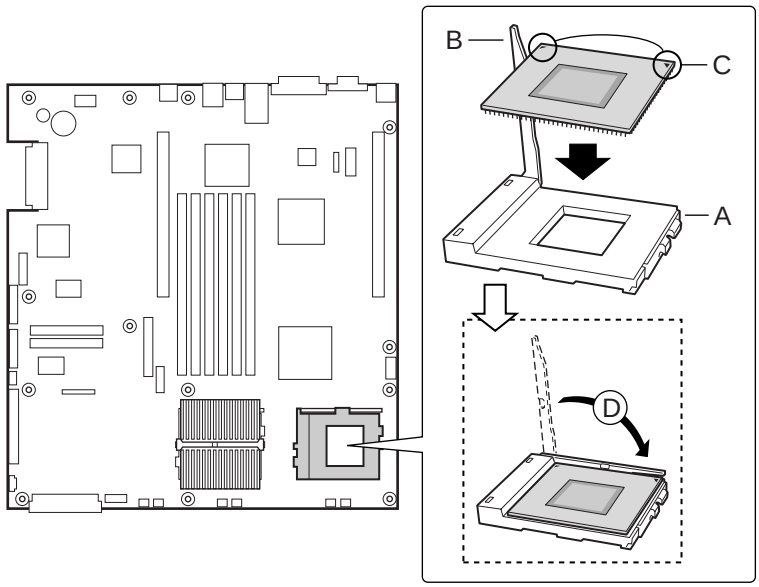
安装处理器终接器

如果只安装一只处理器，则必须在次处理器插座中 (A) 安装终接器。如果安装两只处理器，则可跳过此步骤。

1 抬起处理器插座上的锁定拉杆 (B)。

2 将终接器上的两个边角标记与处理器插座的拉杆一侧 (C) 对齐，将终接器插入插座中。

3 将拉杆按回原位，使其完全闭合 (D)。



OM11710

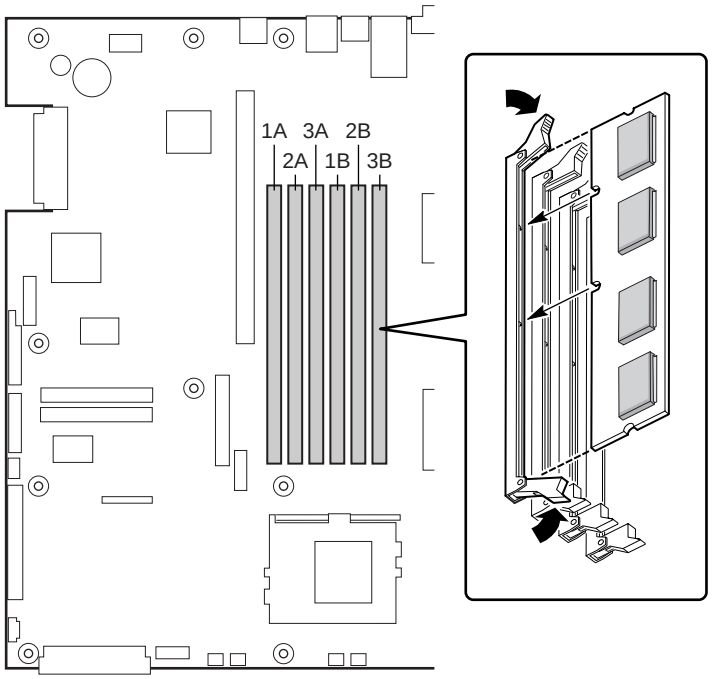
内存

本服务器母板只支持符合 PC133 标准的 SDRAM。使用最多六条寄存式、ECC 的 DIMM 内存模块，可安装 128 MB 至 6 GB 的内存容量。在 1U 机箱中，要求使用矮型 (LP) 1.2 英寸 DIMM 内存模块。

DIMM 内存模块必须成对安装，并需按以下顺序安装：1a 和 1b、2a 和 2b、3a 和 3b。

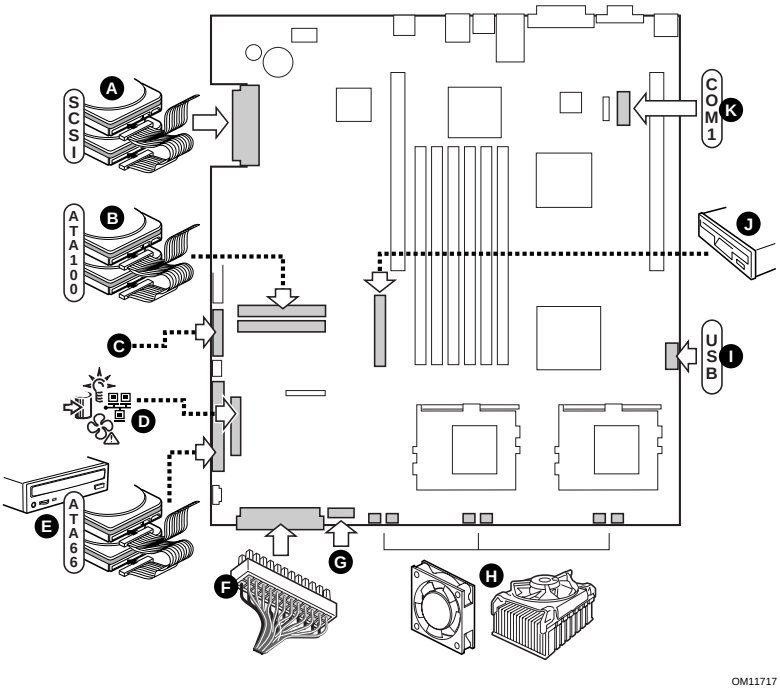
安装的 DIMM 速度必须相同，并且全部是寄存式。有关所支持内存的列表，请与您的服务代表联系，或访问以下 Intel 万维网支持站点：

http://support.intel.com/support/motherboards/server



OM11715

连接电缆



在连接电缆之前，请先阅读随机箱提供的说明文档。

A. SCSI 连接器（仅限于 SCSI 服务器母板）
B. ATA-100 主/次连接器（仅限于 ATA 服务器母板）
C. SSI 前面板连接器（有关针位布局，请参见服务器母板图标签）
D. 前面板连接器（仅限于在非 Intel 机箱中使用）
E. IDE 连接器（仅限于在非 Intel 机箱中使用）
F. 主电源连接器
G. 风扇模块连接器（7 针）
H. 风扇连接器（系统风扇和处理器风扇）
I. USB 端接器
J. 软盘驱动器连接器（仅限于在非 Intel 机箱中使用）
K. COM 1 端接器
L. 组合软盘驱动器 / 前面板 / IDE 指示灯连接器（仅限于在 Intel 机箱中使用）

完成安装机箱

现在已准备好将驱动器安装到机箱中。建议首先安装驱动器，然后再将其数据线连接到服务器母板上。

获取帮助

万维网

http://support.intel.com/support/motherboards/server/SCB2

电话

咨询客户支持技术员*。每次致电将按 25 美元的标准通过信用卡收取费用，以当地货币并按现行汇率加上适用的税费收取此项费用。（Intel 保留随时变更电话收费标准的权利，恕不另行通知。）

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中国	800 820 1100	巴基斯坦	632 6368415
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日本			
0120-868686（国内）		81-298-47-0800（国外）	

拉丁美洲		智利	800-532-992
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墨西哥	001-800-6288686	危地马拉	99-99-190, 800-628-8686（通过 AT&T）
哥伦比亚	980-9-122-118	委内瑞拉	800-11-120, 800-628-8686（通过 AT&T）
哥斯达黎加	0-800-011-0395	阿根廷	001-800-222-1001, 800-628-8686（通过 AT&T）
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迈阿密	1-800-621-8423	秘鲁	0-800-50288, 800-628-8686（通过 AT&T）
		乌拉圭	000-410, 800-628-8686（通过 AT&T）

* 或与当地的经销商或分销商联系。

欲查阅最新的联系电话列表，请访问以下站点：http://www.intel.com/support/9089.htm

技术培训与支持

若已在“真正的 Intel 经销商计划”（亚太地区）中注册，则可获得技术培训与支持。

在亚洲：+65-831-1379（新加坡当地时间，星期一至星期五，上午 8:30 至下午 5:30）或发电子邮件至：APAC_gid@ccm.isin.intel.com