Quick Start Guide

for the

AD450NX Server System

Order Number: 678270-002

This guide explains how to boot your server from the Server Configuration Software CD. After booting the server from the CD, you can create software installation diskettes, run PC diagnostics on the server, and read and/or print the online Product Guide.

WARNING

To avoid personal injury when unpacking the server, use only a mechanical assist unit to lift it off the shipping pallet.

The minimum server configuration weighs about 58 kg (128 lbs), and the maximum one weighs close to 79 kg (175 lbs). Do not attempt to lift or move the server by the handles on the power supplies.

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The AD450NX Server System may contain design defects or errors known as errata which may cause the product to deviate from published specifications. Current characterized errata are available on request. Copies of documents which have an ordering number and are referenced in this document, or other Intel literature, may be obtained from:

Intel Corporation
P.O. Box 5937
Denver, CO 80217-9808

or call in North America 1-800-548-4725, Europe 44-0-1793-431-155, France 44-0-1793-421-777, Germany 44-0-1793-421-333, other Countries 708-296-9333.

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printed on
recycled paper

Select a site

The server operates reliably within the specified environmental limits. Choose a site that is

- Near a grounded power outlet
  - In the United States and Canada, this means a NEMA 5-15R outlet for 100-120 V~ or a NEMA 6-15R outlet for 200-240 V~.
  - For international sites, this means a grounded power outlet applicable for the electrical code of the region.

⚠ CAUTION

Ensure that the power service connection is through a properly grounded outlet.

- Clean and dust-free
- Well ventilated and away from sources of heat
- Isolated from strong electromagnetic fields and electrical noise caused by electrical devices such as air conditioners, large fans, large electric motors, radio and TV transmitters, and high frequency security devices
- Spacious enough to provide sufficient room behind and around the server so that you can remove AC power from it by unplugging the power cord from each power supply or wall outlet
- Away from sources of vibration or physical shock

After unpacking the server

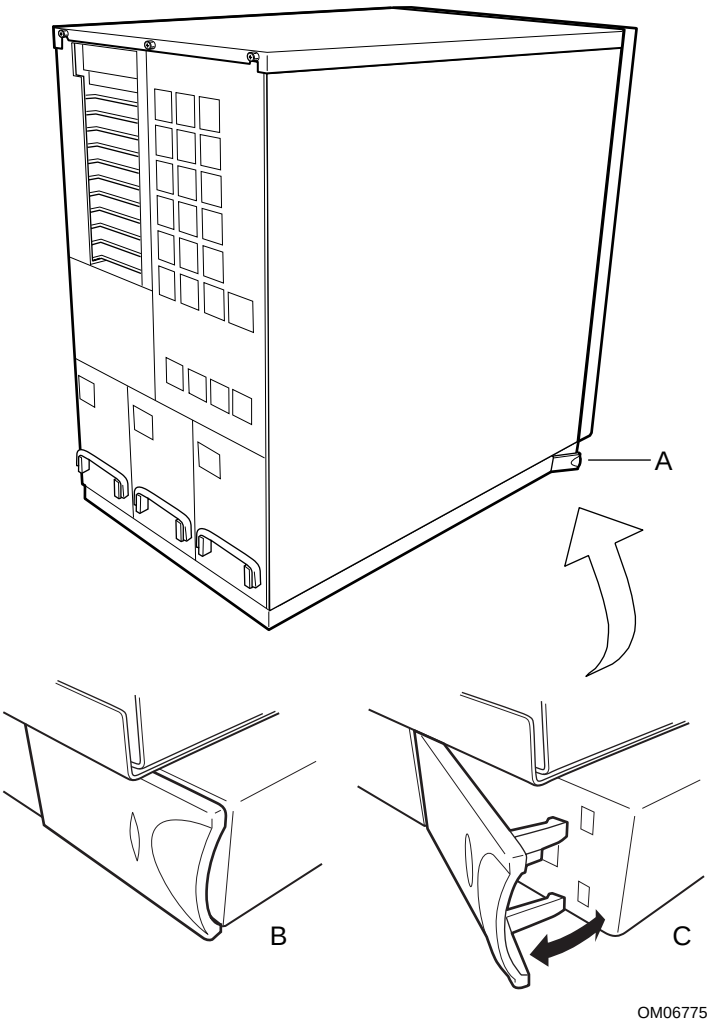
Inspect the shipping box for evidence of mishandling during transit. If the shipping box is damaged, photograph it for reference. After removing the contents, keep the damaged box and the packing materials. If the contents appear damaged, file a damage claim with the carrier immediately.

Save the shipping boxes and packing materials to repackage the server in the event you decide to move it to another site.

Moving the server

The front casters on the base of the server are locked to prevent the server from moving.

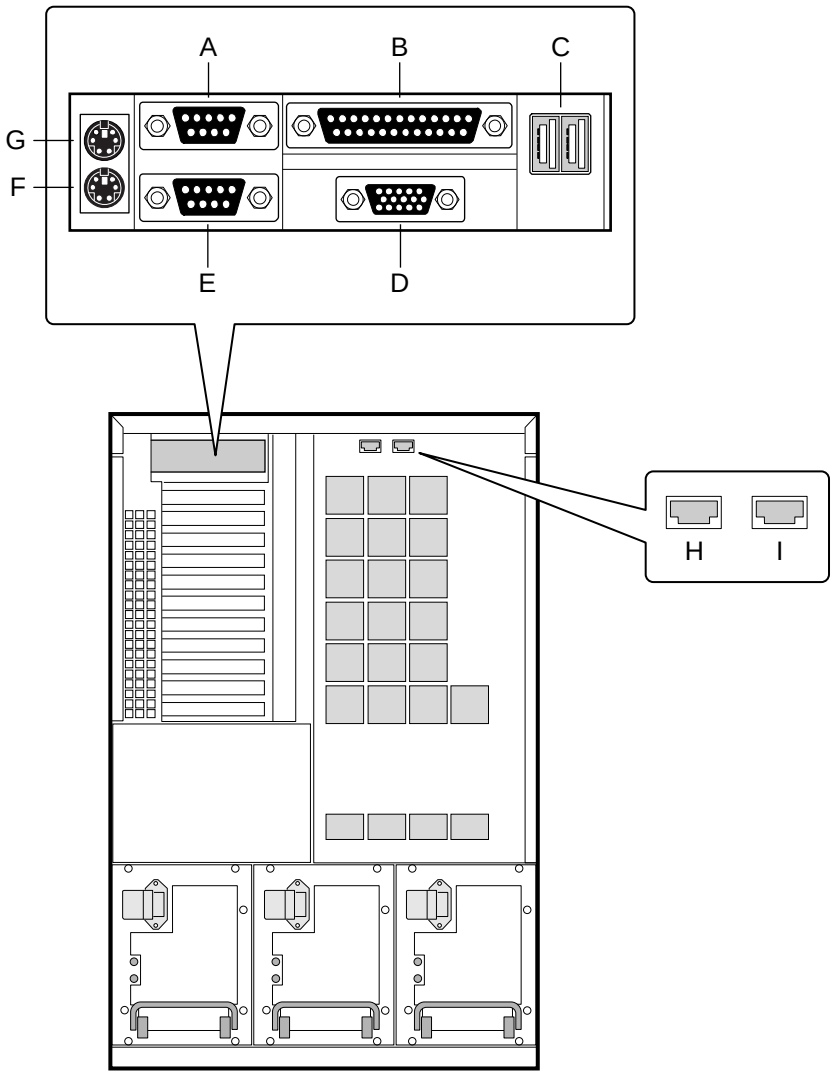
1. Using your finger, pull the hinged plastic locks to the open position to unlock the front casters.
2. After connecting peripherals devices, cables, and power cords to the server, slide the server in to its operating position.
3. Push the plastic locks to the closed position to lock the front casters.



A Hinged plastic caster lock
B Closed
C Open

Connect keyboard, mouse, and monitor, and printer

Keyboard	Connect the signal cable of a PS/2† -compatible keyboard to the keyboard port on the server I/O panel.
Mouse	Connect the signal cable of a PS/2-compatible mouse to the mouse port on the server I/O panel.
Monitor	Connect the signal cable of the video monitor to the Super VGA† port on the server I/O panel.
Printer	Connect the signal cable of a PS/2-compatible printer to the parallel port on the server I/O panel.



OM06193

A PS/2-compatible serial port 1 (COM1), 9-pin RS-232 connector
B PS/2-compatible parallel port (LPT), 25-pin bidirectional subminiature D connector
C USB ports O and 1, 4-pin connectors
D Super VGA compatible, 15-pin video connector
E PS/2-compatible serial port 2 (COM2), 9-pin RS-232 connector
F PS/2-compatible keyboard port, 6-pin miniature Deutsche Industrie Norm (DIN) connector
G PS/2-compatible mouse port, 6-pin miniature Deutsche Industrie Norm (DIN) connector
H Intelligent Chassis Management Bus (ICMB) port 1, SEMCONN† 6-pin connector
I Intelligent Chassis Management Bus (ICMB) port 2, SEMCONN 6-pin connector

Obtain power cords

WARNING

Do not attempt to modify or use AC power cords that are not the exact type required.

Because power cords are not supplied for the server power supplies, you must obtain power cords that meet the following criteria:

- The cord must be rated for the available AC voltage and have a current rating that is at least 125% of the current rating of the server.
- The connector that plugs into the wall outlet must be a grounding-type plug designed for use in your region. It must have certification marks showing certification by an agency acceptable in your region.
- The connector that plugs into the AC receptacle on the server power supply must be an IEC 320, sheet C13, type female connector.
- The cord must be less than 4.5 meters (14.76 feet) long, and it must be flexible <HAR> (harmonized) or VDE certified cordage to comply with the server safety certifications.

Turn on video monitor and server

WARNING

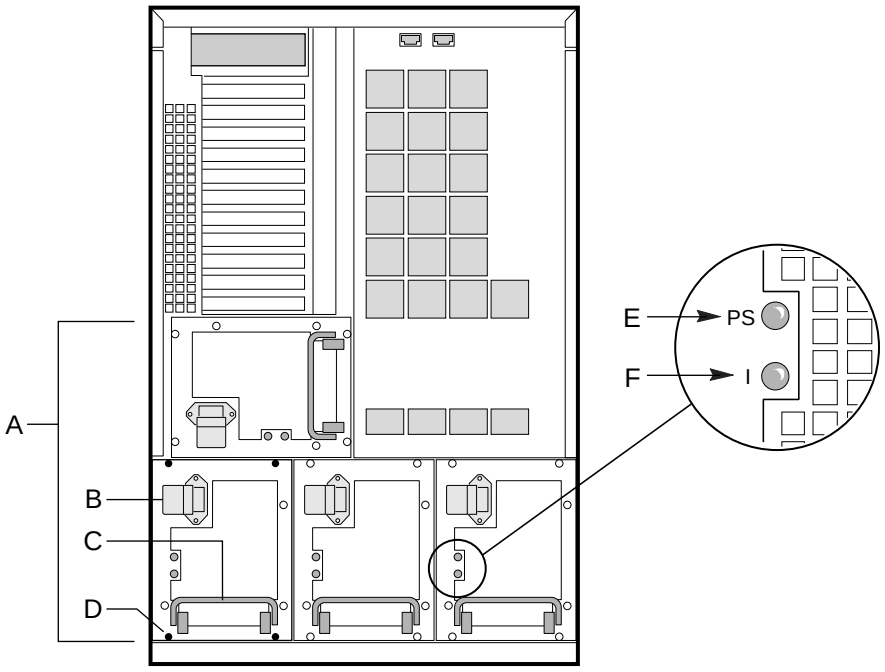
The push-button on/off power switch on the front panel of the server does not turn off the AC power. To remove AC power from the server, you must unplug each power cord from each power supply or wall outlet.

1. Make sure all external devices, such as a video monitor, printer, keyboard, and mouse (optional) have been connected.
2. Remove drive protection cards (if present) from the removable media drives.
3. Turn on your video monitor and printer.
4. For each power supply present in the server, plug the female end of each power cord into the power supply input receptacle on the back of the chassis (your server may be configured with either three or four power supplies).

NOTE

To plug in a power cord, push and hold the spring-loaded safety interlock mechanism toward the edge of the power supply. Then plug the power cord into the exposed inlet receptacle, and release the safety interlock.

5. For each power supply present in the server, plug the power cord into a properly grounded power outlet.



OM06196

A Four power supplies (fourth power supply is redundant)

B AC power inlet receptacle and safety interlock mechanism

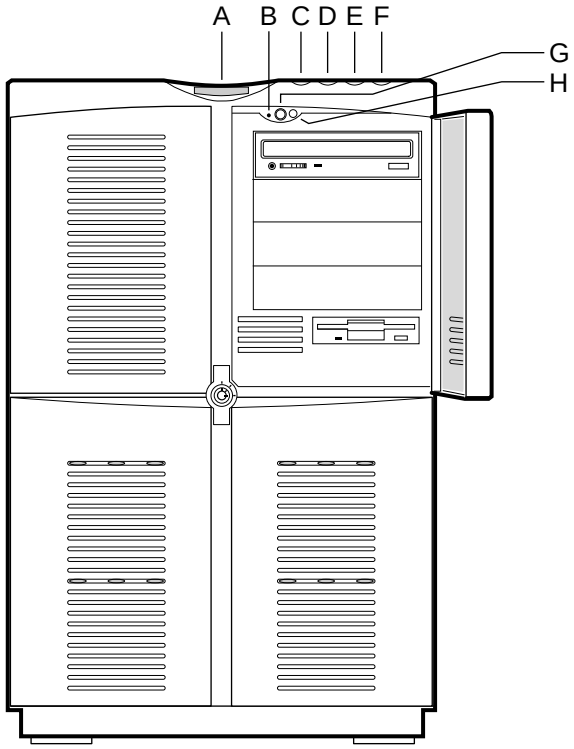
C Handle for removing the power supply

D Four screws

E PS LED (green) power supply okay
When lit, indicates the power supply is on and working. When off, it may indicate either that the power supply has failed, the system-loading on the power supply is too low to detect failure, or the supply is not properly plugged in.

F I LED (green) power supply current OK
When lit, indicates power supply is on and OK. When off, indicates the power supply has shut down because of an overcurrent condition or the power supply has failed.

6. If the server does not come on when you plug the power cords into the power outlets, press the power switch on the front panel.
7. Verify that the power-on light on the front panel is lit. After a few seconds the power-on self test (POST) begins. See “Power-on self test” on page 11.



A Front panel LCD
B NMI switch
C Power LED (green)
D Power fault LED (yellow)
E Cooling fault LED (yellow)
F Drive fault LED (yellow)
G Power switch
H Reset switch

Power-on self test

Each time you turn on the server, the power LED on the front panel turns on and the power-on self-test (POST) starts running. POST checks the I/O system board, processor system board, keyboard, and most installed peripheral devices.

During the memory test, POST displays the amount of memory that it is able to access and test. Depending on the amount of memory installed on each memory board, the test may take several minutes.

These screen prompts and messages appear after the memory test:

```
Mouse initialized....

Press <F2> to enter SETUP
```

Do *NOT* press <F2>. The above message remains for a few seconds, and POST continues. The server beeps once, and this message appears:

```
Operating system not found
```

Boot from the server configuration software CD

⚠ CAUTION

The Server Configuration Software CD contains only a limited operating system. This limited operating system provides enough function to let you boot from the CD and copy and use the utility and manual files from the CD.

But this limited OS is *NOT* intended to be copied onto diskettes or onto your hard disk as a full-function OS that supports net-working or Windows†. To run your server and applications, you must buy the OS of your choice and install it on the server.

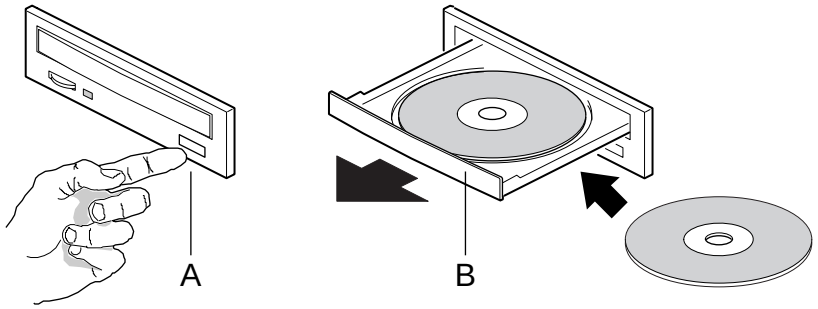
1. Open the CD tray by pressing the open/close button on the front panel of the CD-ROM drive—the tray will slide out of the drive. See the figure on page 12.
2. Open the CD case. Press down on the center hub of the case with your finger to release the hub tension on the CD.

⚠ CAUTION

Handle the CD only by the inner and outer edges. Do not touch the data side of the CD—the side without the label.

3. Gently grasp the center hole and outer edge of the CD, remove it from the case, and place it **label-side** up in the tray.

4. Press the open/close button or gently push on the tray—it will automatically slide into the drive.



A Open/close push-button switch
B CD tray

5. Press the reset switch on the front panel to reboot the server.
6. When POST completes, the server beeps once, boots from the CD, installs a mouse driver, and displays the CD-ROM menu bar. Use the arrow keys to scroll through the menu bar and to view the tasks in the pop-up menus.

NOTE

If you do not see the CD-ROM menu but see the following message instead, you need to change the "Boot Device Priority" to the CD-ROM. See "If server won't boot from the CD" on page 13 for instructions.

```
Operating system not found
```

Access the server Product Guide

We provide two forms of *Product Guide* files on the CD:

- **.PDF files:** read and print .PDF files using the Adobe† Acrobat† Reader shipped on the CD.
- **.PS (PostScript†) files:** print .PS files directly to a PostScript printer.

Because printing from within Acrobat is time-consuming, we recommend printing only a small range of pages for immediate use. If you want to print the entire *Product Guide*, we recommend printing it from the .PS files. See "Using the PostScript .PS files" on page 13.

Using the Acrobat .PDF files

Before you can print the *Product Guide* from within Acrobat, you must connect a printer to the parallel port.

1. From the CD-ROM menu bar, select Read/Print Manuals and press <Enter>. The Adobe Acrobat reader will be automatically installed on RAM disk e: (simulated disk drive in RAM memory) and automatically started. The reader lets you view and print out a copy of the server *Product Guide.*

2. After the reader starts, a pop-up menu displays a list of manuals. If you are not sure which manual applies to your server, check the title page of this *Quick Start Guide* for the correct product reference.
3. The menu also includes a manual for SCSI devices in the server.
4. Use your mouse or the up and down arrow keys to select the manual. Double-click the left mouse button or press <Enter> to load the .PDF file for the manual.
5. Use your mouse or the tab key to select the .PDF file for the manual. Double-click the left mouse button or press an arrow key and <Enter> to view the .PDF file.
6. Follow the program options and prompts. If you need to access the Help menu, double-click on Help or press <Alt+h>.

Using the PostScript .PS files

Before you can print the *Product Guide* from the CD, you must connect a printer to the parallel port. Use the supplied PostScript files (.PS) to print out a copy of the *Product Guide*.

1. From the CD-ROM menu bar, select Quit to DOS and press <Enter>.
2. From the pop-up menu, select Quit Now and press <Enter>.
3. At the prompt `C:\>`, type **`dir c:\manuals`** and press <Enter>.
4. At the prompt, type **`dir c:\(manual name)\pscript`** and press <Enter> to see a list of .PS files.
5. Use the copy or print command to send the .PS files directly to a PostScript printer using the appropriate driver.
6. At the prompt `C:\>`, type **`menu`** and press <Enter> to return to the CD-ROM menu.

Copy server configuration software to diskettes

When you copy software from the CD onto diskettes, device drivers suitable for several different operating systems are copied onto the diskettes. However, your operating system will read only those drivers it can recognize, so you cannot usually check the directory of a diskette that is not formatted for your operating system. Instead, you may see a message to the effect, “Disk not formatted, do you want to format it now?” Don’t worry; the drivers for YOUR operating system should be present on the diskette and available for you to load on the system.

1. Before starting, make sure that you have on hand several blank high-density diskettes.
2. From the CD-ROM menu bar, select Create Diskettes and press <Enter>.
3. Follow the prompts to copy the software onto the diskettes.
4. When finished, select Quit to DOS (on the CD-ROM menu bar) and press <Enter>.
5. Remove the CD from the drive.

If server won’t boot from the CD

It is possible that your server was shipped with the diskette drive or another device set as the first boot device. If so, the server will try to boot from a diskette or other device rather than from the CD we have provided. By pressing <Esc> during POST, you can override the boot sequence specified in Setup by selecting a different primary boot device. This override is valid only for that

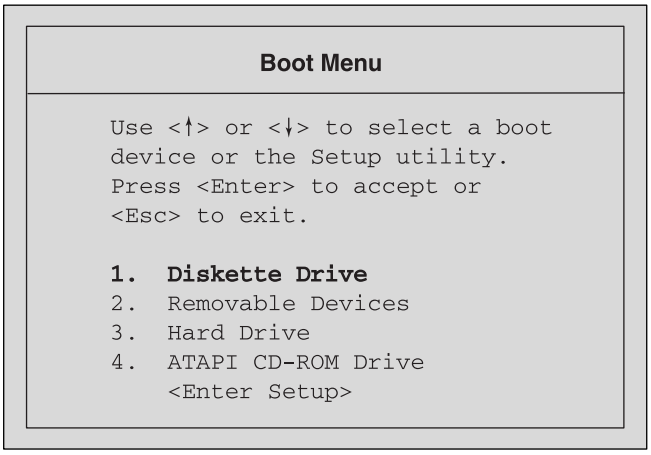
specific boot. Subsequent boots revert back to the sequence specified in Setup. If the chosen device fails to load the operating system, the BIOS reverts to the previous boot sequence. The <Esc> hot key is valid while the "Press <F2> key to enter Setup" message is displayed on the screen. At the end of POST, if the <Esc> key was pressed, a pop-up boot menu is displayed. It allows you to change the boot sequence, or to enter Setup and permanently change the sequence.

To override the boot sequence, do this:

1. Press the reset switch on the front panel to reboot the server—the CD can be in the drive or not.
2. When POST displays this message:

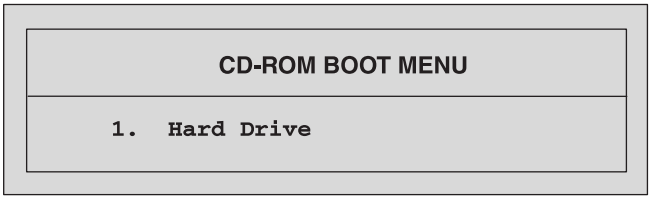
   ```
   Press <F2> to enter SETUP
   ```

3. Press <Esc> and wait for the following boot menu to display:



OM08360

4. From the boot menu, select the CD-ROM drive, and press <Enter>.
5. When you see the following pop-up menu, press <Enter> to boot from the CD.



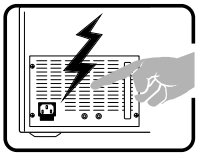
OM08361

The server should now boot from the CD, displaying a menu bar that includes creating diskettes, diagnostics, reading/printing the manual, and quitting to DOS.

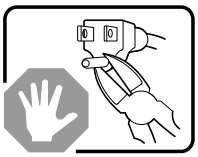
⚠ CAUTION

If the server does not operate as described in this guide, contact a ***qualified service technician***.

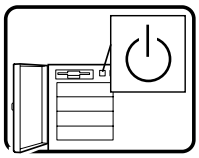
WARNING: English (US)



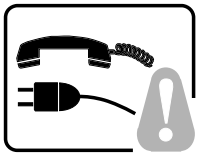
The power supply in this product contains no user-serviceable parts. There may be more than one supply in this product. Refer servicing only to qualified personnel.



Do not attempt to modify or use the supplied AC power cord if it is not the exact type required. A product with more than one power supply will have a separate AC power cord for each supply.

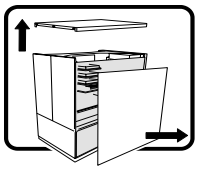


The DC push-button on/off switch on the system does not turn off system AC power. To remove AC power from the system, you must unplug each AC power cord from the wall outlet or power supply.



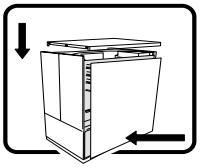
SAFETY STEPS: Whenever you remove the chassis covers to access the inside of the system, follow these steps:

1. Turn off all peripheral devices connected to the system.
2. Turn off the system by using the push-button on/off power switch on the system.
3. Unplug all AC power cords from the system or from wall outlets.
4. Label and disconnect all cables connected to I/O connectors or ports on the back of the system.
5. Provide some electrostatic discharge (ESD) protection by wearing an antistatic wrist strap attached to chassis ground of the system—any unpainted metal surface—when handling components.
6. Do not operate the system with the chassis covers removed.



After you have completed the six SAFETY steps above, you can remove the system covers. To do this:

1. Unlock and remove the padlock from the back of the system if a padlock has been installed.
2. Remove and save all screws from the covers.
3. Remove the covers.

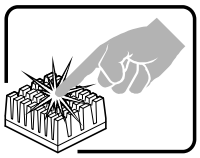


For proper cooling and airflow, always reinstall the chassis covers before turning on the system. Operating the system without the covers in place can damage system parts. To install the covers:

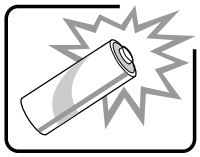
1. Check first to make sure you have not left loose tools or parts inside the system.
2. Check that cables, add-in boards, and other components are properly installed.
3. Attach the covers to the chassis with the screws removed earlier, and tighten them firmly.
4. Insert and lock the padlock to the system to prevent unauthorized access inside the system.
5. Connect all external cables and the AC power cord(s) to the system.

continued

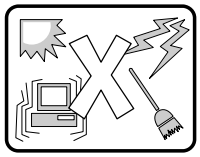
WARNING: English (continued)



A microprocessor and heat sink may be hot if the system has been running. Also, there may be sharp pins and edges on some board and chassis parts. Contact should be made with care. Consider wearing protective gloves.



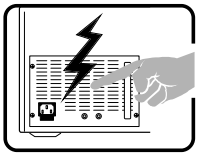
Danger of explosion if the battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the equipment manufacturer. Discard used batteries according to manufacturer's instructions.



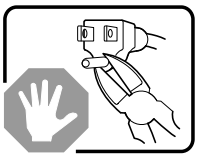
The system is designed to operate in a typical office environment. Choose a site that is:

- Clean and free of airborne particles (other than normal room dust).
- Well ventilated and away from sources of heat including direct sunlight.
- Away from sources of vibration or physical shock.
- Isolated from strong electromagnetic fields produced by electrical devices.
- In regions that are susceptible to electrical storms, we recommend you plug your system into a surge suppresser and disconnect telecommunication lines to your modem during an electrical storm.
- Provided with a properly grounded wall outlet.
- Provided with sufficient space to access the power supply cords, because they serve as the product's main power disconnect.

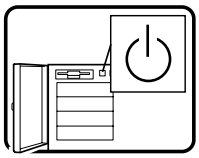
AVERTISSEMENT: Français



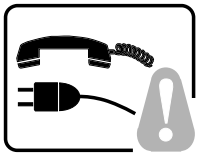
Le bloc d'alimentation de ce produit ne contient aucune pièce pouvant être réparée par l'utilisateur. Ce produit peut contenir plus d'un bloc d'alimentation. Veuillez contacter un technicien qualifié en cas de problème.



Ne pas essayer d'utiliser ni modifier le câble d'alimentation CA fourni, s'il ne correspond pas exactement au type requis. Le nombre de câbles d'alimentation CA fournis correspond au nombre de blocs d'alimentation du produit.

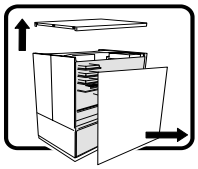


Notez que le commutateur CC de mise sous tension /hors tension du panneau avant n'éteint pas l'alimentation CA du système. Pour mettre le système hors tension, vous devez débrancher chaque câble d'alimentation de sa prise.



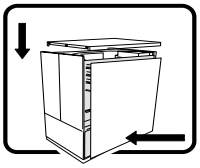
CONSIGNES DE SÉCURITÉ - Lorsque vous ouvrez le boîtier pour accéder à l'intérieur du système, suivez les consignes suivantes :

1. Mettez hors tension tous les périphériques connectés au système.
2. Mettez le système hors tension en mettant l'interrupteur général en position OFF (bouton-poussoir).
3. Débranchez tous les cordons d'alimentation c.a. du système et des prises murales.
4. Identifiez et débranchez tous les câbles reliés aux connecteurs d'E-S ou aux accès derrière le système.
5. Pour prévenir les décharges électrostatiques lorsque vous touchez aux composants, portez une bande antistatique pour poignet et reliez-la à la masse du système (toute surface métallique non peinte du boîtier).
6. Ne faites pas fonctionner le système tandis que le boîtier est ouvert.



Une fois TOUTES les étapes précédentes accomplies, vous pouvez retirer les panneaux du système. Procédez comme suit :

1. Si un cadenas a été installé sur à l'arrière du système, déverrouillez-le et retirez-le.
2. Retirez toutes les vis des panneaux et mettez-les dans un endroit sûr.
3. Retirez les panneaux.

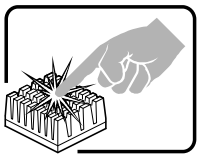


Afin de permettre le refroidissement et l'aération du système, réinstallez toujours les panneaux du boîtier avant de mettre le système sous tension. Le fonctionnement du système en l'absence des panneaux risque d'endommager ses pièces. Pour installer les panneaux, procédez comme suit :

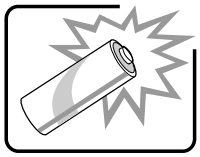
1. Assurez-vous de ne pas avoir oublié d'outils ou de pièces démontées dans le système.
2. Assurez-vous que les câbles, les cartes d'extension et les autres composants sont bien installés.
3. Revissez solidement les panneaux du boîtier avec les vis retirées plus tôt.
4. Remettez le cadenas en place et verrouillez-le afin de prévenir tout accès non autorisé à l'intérieur du système.
5. Rebranchez tous les cordons d'alimentation c. a. et câbles externes au système.

suite

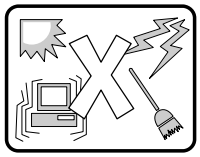
AVERTISSEMENT: Français (suite)



Le microprocesseur et le dissipateur de chaleur peuvent être chauds si le système a été sous tension. Faites également attention aux broches aiguës des cartes et aux bords tranchants du capot. Nous vous recommandons l'usage de gants de protection.



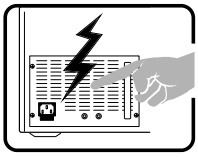
Danger d'explosion si la batterie n'est pas remontée correctement. Remplacer uniquement avec une batterie du même type ou d'un type équivalent recommandé par le fabricant. Disposez des piles usées selon les instructions du fabricant.



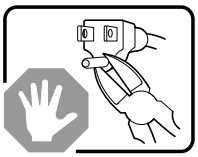
Le système a été conçu pour fonctionner dans un cadre de travail normal. L'emplacement choisi doit être :

- Propre et dépourvu de poussière en suspension (sauf la poussière normale).
- Bien aéré et loin des sources de chaleur, y compris du soleil direct.
- A l'abri des chocs et des sources de vibrations.
- Isolé de forts champs électromagnétiques géenérés par des appareils électriques.
- Dans les régions sujettes aux orages magnétiques il est recomandé de brancher votre système à un supresseur de surtension, et de débrancher toutes les lignes de télécommunications de votre modem durant un orage.
- Muni d'une prise murale correctement mise à la terre.
- Suffisamment spacieux pour vous permettre d'accéder aux câbles d'alimentation (ceux-ci étant le seul moyen de mettre le système hors tension).

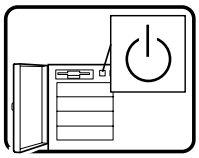
WARNUNG: Deutsch



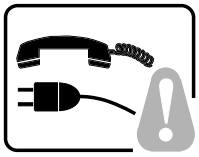
Benutzer können am Netzgerät dieses Produkts keine Reparaturen vornehmen. Das Produkt enthält möglicherweise mehrere Netzgeräte. Wartungsarbeiten müssen von qualifizierten Technikern ausgeführt werden.



Versuchen Sie nicht, das mitgelieferte Netzkabel zu ändern oder zu verwenden, wenn es sich nicht genau um den erforderlichen Typ handelt. Ein Produkt mit mehreren Netzgeräten hat für jedes Netzgerät ein eigenes Netzkabel.

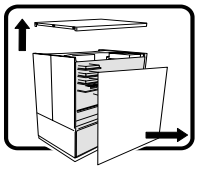


Der Wechselstrom des Systems wird durch den Ein-/Aus-Schalter für Gleichstrom nicht ausgeschaltet. Ziehen Sie jedes Wechselstrom-Netzkabel aus der Steckdose bzw. dem Netzgerät, um den Stromanschluß des Systems zu unterbrechen.



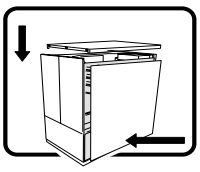
SICHERHEISMASSNAHMEN: Immer wenn Sie die Gehäuseabdeckung abnehmen um an das Systeminnere zu gelangen, sollten Sie folgende Schritte beachten:

1. Schalten Sie alle an Ihr System angeschlossenen Peripheriegeräte aus.
2. Schalten Sie das System mit dem Hauptschalter aus.
3. Ziehen Sie den Stromanschlußstecker Ihres Systems aus der Steckdose.
4. Auf der Rückseite des Systems beschriften und ziehen Sie alle Anschlußkabel von den I/O Anschlüssen oder Ports ab.
5. Tragen Sie ein geerdetes Antistatik Gelenkband, um elektrostatische Ladungen (ESD) über blanke Metallstellen bei der Handhabung der Komponenten zu vermeiden.
6. Schalten Sie das System niemals ohne ordnungsgemäß montiertes Gehäuse ein.



Nachdem Sie die oben erwähnten ersten sechs SICHERHEITSSCHRITTE durchgeführt haben, können Sie die Abdeckung abnehmen, indem Sie:

1. Öffnen und entfernen Sie die Verschlußeinrichtung (Padlock) auf der Rückseite des Systems, falls eine Verschlußeinrichtung installiert ist.
2. Entfernen Sie alle Schrauben der Gehäuseabdeckung.
3. Nehmen Sie die Abdeckung ab.

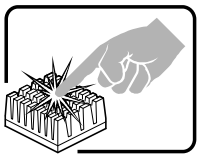


Zur ordnungsgemäßen Kühlung und Lüftung muß die Gehäuseabdeckung immer wieder vor dem Einschalten installiert werden. Ein Betrieb des Systems ohne angebrachte Abdeckung kann Ihrem System oder Teile darin beschädigen. Um die Abdeckung wieder anzubringen:

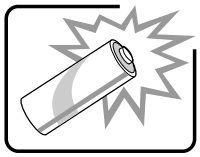
1. Vergewissern Sie sich, daß Sie keine Werkzeuge oder Teile im Innern des Systems zurückgelassen haben.
2. Überprüfen Sie alle Kabel, Zusatzkarten und andere Komponenten auf ordnungsgemäßen Sitz und Installation.
3. Bringen Sie die Abdeckungen wieder am Gehäuse an, indem Sie die zuvor gelösten Schrauben wieder anbringen. Ziehen Sie diese gut an.
4. Bringen Sie die Verschlußeinrichtung (Padlock) wieder an und schließen Sie diese, um ein unerlaubtes Öffnen des Systems zu verhindern.
5. Schließen Sie alle externen Kabel und den AC Stromanschlußstecker Ihres Systems wieder an.

Fortsetzung

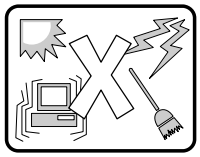
WARNUNG: Deutsch (Fortsetzung)



Der Mikroprozessor und der Kühler sind möglicherweise erhitzt, wenn das System in Betrieb ist. Außerdem können einige Platinen und Gehäuseteile scharfe Spitzen und Kanten aufweisen. Arbeiten an Platinen und Gehäuse sollten vorsichtig ausgeführt werden. Sie sollten Schutzhandschuhe tragen.



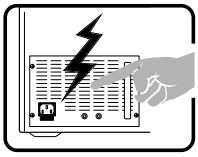
Bei falschem Einsetzen einer neuen Batterie besteht Explosionsgefahr. Die Batterie darf nur durch denselben oder einen entsprechenden, vom Hersteller empfohlenen Batterietyp ersetzt werden. Entsorgen Sie verbrauchte Batterien den Anweisungen des Herstellers entsprechend.



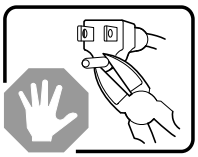
Das System wurde für den Betrieb in einer normalen Büroumgebung entwickelt. Der Standort sollte:

- sauber und staubfrei sein (Hausstaub ausgenommen);
- gut gelüftet und keinen Heizquellen ausgesetzt sein (einschließlich direkter Sonneneinstrahlung);
- keinen Erschütterungen ausgesetzt sein;
- keine starken, von elektrischen Geräten erzeugten elektromagnetischen Felder aufweisen;
- in Regionen, in denen elektrische Stürme auftreten, mit einem Überspannungsschutzgerät verbunden sein; während eines elektrischen Sturms sollte keine Verbindung der Telekommunikationsleitungen mit dem Modem bestehen;
- mit einer geerdeten Wechselstromsteckdose ausgerüstet sein;
- über ausreichend Platz verfügen, um Zugang zu den Netzkabeln zu gewährleisten, da der Stromanschluß des Produkts hauptsächlich über die Kabel unterbrochen wird.

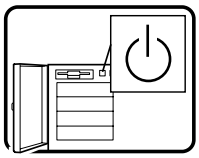
AVVERTENZA: Italiano



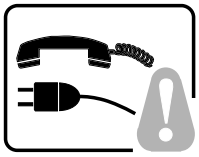
Rivolgersi ad un tecnico specializzato per la riparazione dei componenti dell'alimentazione di questo prodotto. È possibile che il prodotto disponga di più fonti di alimentazione.



Non modificare o utilizzare il cavo di alimentazione in c.a. fornito dal produttore, se non corrisponde esattamente al tipo richiesto. Ad ogni fonte di alimentazione corrisponde un cavo di alimentazione in c.a. separato.

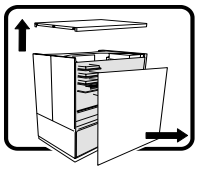


L'interruttore attivato/disattivato nel pannello anteriore non interrompe l'alimentazione in c.a. del sistema. Per interromperla, è necessario scollegare tutti i cavi di alimentazione in c.a. dalle prese a muro o dall'alimentazione di corrente.



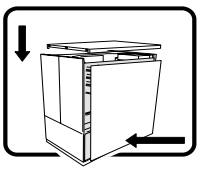
PASSI DI SICUREZZA: Qualora si rimuovano le coperture del telaio per accedere all'interno del sistema, seguire i seguenti passi:

1. Spegnere tutti i dispositivi periferici collegati al sistema.
2. Spegnere il sistema, usando il pulsante spento/acceso dell'interruttore del sistema.
3. Togliere tutte le spine dei cavi del sistema dalle prese elettriche.
4. Identificare e sconnettere tutti i cavi attaccati ai collegamenti I/O od alle prese installate sul retro del sistema.
5. Qualora si tocchino i componenti, proteggersi dallo scarico elettrostatico (SES), portando un cinghia anti-statica da polso che è attaccata alla presa a terra del telaio del sistema – qualsiasi superficie non dipinta – .
6. Non far operare il sistema quando il telaio è senza le coperture.



Dopo aver seguito i sei passi di SICUREZZA sopracitati, togliere le coperture del telaio del sistema come seque:

1. Aprire e rimuovere il lucchetto dal retro del sistema qualora ve ne fosse uno installato.
2. Togliere e mettere in un posto sicuro tutte le viti delle coperture.
3. Togliere le coperture.

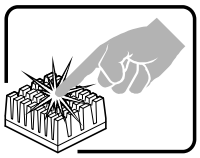


Per il giusto flusso dell'aria e raffreddamento del sistema, rimettere sempre le coperture del telaio prima di riaccendere il sistema. Operare il sistema senza le coperture al loro proprio posto potrebbe danneggiare i componenti del sistema. Per rimettere le coperture del telaio:

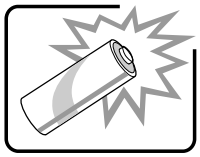
1. Controllare prima che non si siano lasciati degli attrezzi o dei componenti dentro il sistema.
2. Controllare che i cavi, dei supporti aggiuntivi ed altri componenti siano stati installati appropriatamente.
3. Attaccare le coperture al telaio con le viti tolte in precedenza e avvitarle strettamente.
4. Inserire e chiudere a chiave il lucchetto sul retro del sistema per impedire l'accesso non autorizzato al sistema.
5. Ricollegare tutti i cavi esterni e le prolunghe AC del sistema.

continua

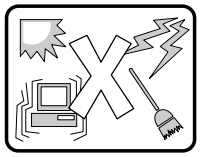
AVVERTENZA: Italiano (continua)



Se il sistema è stato a lungo in funzione, il microprocessore e il dissipatore di calore potrebbero essere surriscaldati. Fare attenzione alla presenza di piedini appuntiti e parti taglienti sulle schede e sul telaio. È consigliabile l'uso di guanti di protezione.



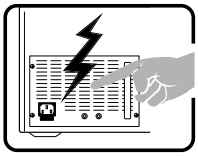
Esiste il pericolo di un esplosione se la pila non viene sostituita in modo corretto. Utilizzare solo pile uguali o di tipo equivalente a quelle consigliate dal produttore. Per disfarsi delle pile usate, seguire le istruzioni del produttore.



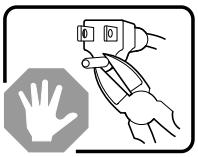
Il sistema è progettato per funzionare in un ambiente di lavoro tipo. Scegliere una postazione che sia:

- Pulita e libera da particelle in sospensione (a parte la normale polvere presente nell'ambiente).
- Ben ventilata e lontana da fonti di calore, compresa la luce solare diretta.
- Al riparo da urti e lontana da fonti di vibrazione.
- Isolata dai forti campi magnetici prodotti da dispositivi elettrici.
- In aree soggette a temporali, è consigliabile collegare il sistema ad un limitatore di corrente. In caso di temporali, scollegare le linee di comunicazione dal modem.
- Dotata di una presa a muro correttamente installata.
- Dotata di spazio sufficiente ad accedere ai cavi di alimentazione, i quali rappresentano il mezzo principale di scollegamento del sistema.

ADVERTENCIAS: Español

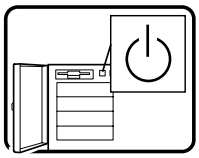


El usuario debe abstenerse de manipular los componentes de la fuente de alimentación de este producto, cuya reparación debe dejarse exclusivamente en manos de personal técnico especializado. Puede que este producto disponga de más de una fuente de alimentación.

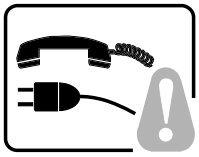


No intente modificar ni usar el cable de alimentación de corriente alterna, si no corresponde exactamente con el tipo requerido.

El número de cables suministrados se corresponden con el número de fuentes de alimentación de corriente alterna que tenga el producto.

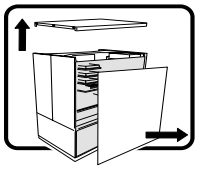


Nótese que el interruptor activado/desactivado en el panel frontal no desconecta la corriente alterna del sistema. Para desconectarla, deberá desenchufar todos los cables de corriente alterna de la pared o desconectar la fuente de alimentación.



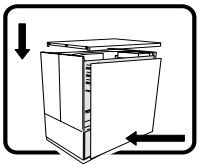
INSTRUCCIONES DE SEGURIDAD: Cuando extraiga la tapa del chasis para acceder al interior del sistema, siga las siguientes instrucciones:

1. Apague todos los dispositivos periféricos conectados al sistema.
2. Apague el sistema presionando el interruptor encendido/apagado.
3. Desconecte todos los cables de alimentación CA del sistema o de las tomas de corriente alterna.
4. Identifique y desconecte todos los cables enchufados a los conectores E/S o a los puertos situados en la parte posterior del sistema.
5. Cuando manipule los componentes, es importante protegerse contra la descarga electrostática (ESD). Puede hacerlo si utiliza una muñequera antiestática sujetada a la toma de tierra del chasis — o a cualquier tipo de superficie de metal sin pintar.
6. No ponga en marcha el sistema si se han extraído las tapas del chasis.



Después de completar las seis instrucciones de SEGURIDAD mencionadas, ya puede extraer las tapas del sistema. Para ello:

1. Desbloquee y extraiga el bloqueo de seguridad de la parte posterior del sistema, si se ha instalado uno.
2. Extraiga y guarde todos los tornillos de las tapas.
3. Extraiga las tapas.

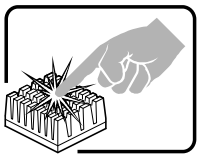


Para obtener un enfriamiento y un flujo de aire adecuados, reinstale siempre las tapas del chasis antes de poner en marcha el sistema. Si pone en funcionamiento el sistema sin las tapas bien colocadas puede dañar los componentes del sistema. Para instalar las tapas:

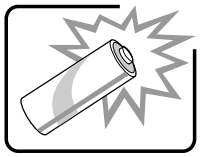
1. Asegúrese primero de no haber dejado herramientas o componentes sueltos dentro del sistema.
2. Compruebe que los cables, las placas adicionales y otros componentes se hayan instalado correctamente.
3. Incorpore las tapas al chasis mediante los tornillos extraídos anteriormente, tensándolos firmemente.
4. Inserte el bloqueo de seguridad en el sistema y bloquéelo para impedir que pueda accederse al mismo sin autorización.
5. Conecte todos los cables externos y los cables de alimentación CA al sistema.

continúa

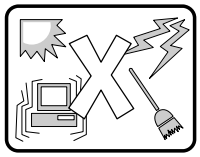
ADVERTENCIAS: Español (continúa)



Si el sistema ha estado en funcionamiento, el microprocesador y el disipador de calor pueden estar aún calientes. También conviene tener en cuenta que en el chasis o en el tablero puede haber piezas cortantes o punzantes. Por ello, se recomienda precaución y el uso de guantes protectores.



Existe peligro de explosión si la pila no se cambia de forma adecuada. Utilice solamente pilas iguales o del mismo tipo que las recomendadas por el fabricante del equipo. Para deshacerse de las pilas usadas, siga igualmente las instrucciones del fabricante.



El sistema está diseñado para funcionar en un entorno de trabajo normal. Escoja un lugar:

- Limpio y libre de partículas en suspensión (salvo el polvo normal).
- Bien ventilado y alejado de fuentes de calor, incluida la luz solar directa.
- Alejado de fuentes de vibración.
- Aislado de campos electromagnéticos fuertes producidos por dispositivos eléctricos.
- En regiones con frecuentes tormentas eléctricas, se recomienda conectar su sistema a un eliminador de sobrevoltage y desconectar el módem de las líneas de telecomunicación durante las tormentas.
- Provisto de una toma de tierra correctamente instalada.
- Provisto de espacio suficiente como para acceder a los cables de alimentación, ya que éstos hacen de medio principal de desconexión del sistema.