

HP Server Adapter

Quick Install Instructions



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Overview

This document provides the procedure for installing an HP Server Adapter. For more specific installation procedures, see the server user guide located on the HP website <http://www.hp.com/support/manuals>.

Warnings and cautions



WARNING: To reduce the risk of personal injury or damage to the equipment, consult the safety information and user documentation provided with the server before attempting the installation.

Many servers are capable of providing energy levels that are considered hazardous and are intended to be serviced only by qualified personnel who have been trained to deal with these hazards. Do not remove enclosures or attempt to bypass any interlocks that may be provided for the purpose of removing these hazardous conditions.



WARNING: To reduce the risk of electric shock, remove all AC power from the system before installing or replacing any non-hot-plug hardware option to the system. Disconnect all power cords to completely remove power from the server.



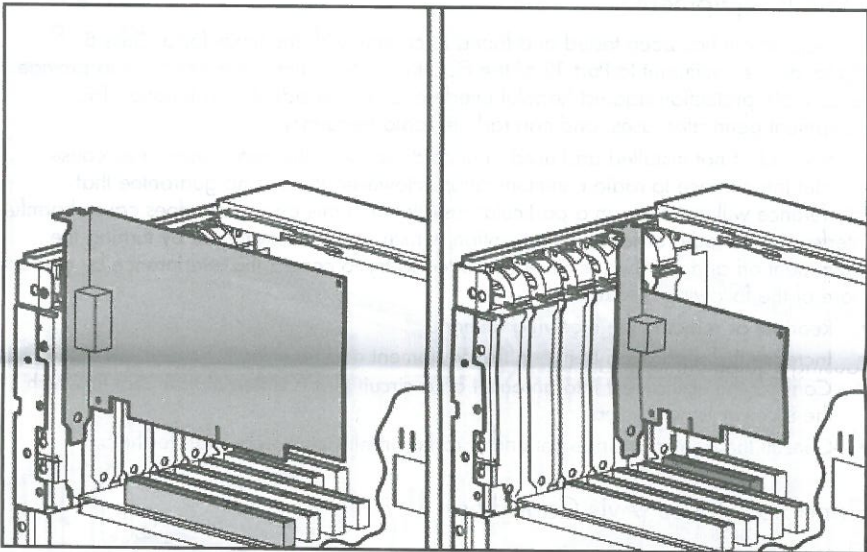
WARNING: To reduce the risk of personal injury from hot surfaces, allow the drives and the internal system components to cool before touching them.



IMPORTANT: PCI/PCI-X adapters must be inserted in PCI/PCI-X slots. PCI Express adapters must be inserted in PCI Express slots. Refer to the server adapter user guide to verify the type of server adapter. Refer to the server user guide to verify the location of the PCI/PCI-X and PCI Express slots.

Installing an adapter in a server

1. Power down the server.
2. Unplug all AC power cords from the server.
3. Remove the server access panel.
4. Remove the cover bracket from the correct type of slot for your adapter (PCI/PCI-X or PCI Express).
5. If required for your server chassis, replace the standard profile bracket that is attached to the adapter with the low profile bracket that shipped with your adapter (see the adapter user guide).
6. Firmly seat the adapter in the slot. Figure 1 shows a PCI/PCI-X adapter in the left pane and a PCI Express adapter in the right pane.



7. Replace the server access panel and plug in the power cord.
8. Connect the LAN segment cables. Installation is complete.

Download drivers and software

To download drivers and software for the adapter:

1. Go to the HP website <http://www.hp.com/support>.
2. Select **Download drivers and software (and firmware)**.
3. Type the adapter name in the **For product** box, and then click **Go**.

Getting help

For additional help, contact your HP reseller or (in North America only) call Technical Support at 1 800 652 6672 or go to the HP website <http://www.hp.com>.

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Regulatory compliance notices

Federal Communications Commission notice

Part 15 of the Federal Communications Commission (FCC) Rules and Regulations has established Radio Frequency (RF) emission limits to provide an interference-free radio frequency spectrum. Many electronic devices, including computers, generate RF energy incidental to their intended function and are, therefore, covered by these rules. These rules place computers and related peripheral devices into two classes, A and B, depending upon their intended installation. Class A devices are those that may reasonably be expected to be installed in a business or commercial environment. Class B devices are those that may reasonably be expected to be installed in a residential environment (for example, personal computers). The FCC requires devices in both classes to bear a label indicating the interference potential of the device as well as additional operating instructions for the user.

FCC rating label

The FCC rating label on the device shows the classification (A or B) of the equipment. Class B devices have an FCC logo or ID on the label. Class A devices do not have an FCC logo or ID on the label. After you determine the class of the device, refer to the corresponding statement.

Class A equipment

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference, in which case the user will be required to correct the interference at personal expense.

Class B equipment

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit that is different from that to which the receiver is connected.
- Consult the dealer or an experienced radio or television technician for help.

Canadian notice (Avis Canadien)

Class A equipment

This Class A digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

Cet appareil numérique de la classe A respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

Class B equipment

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

Cet appareil numérique de la classe B respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

European Union regulatory notice

Products bearing the CE marking comply with the following EU Directives:

- Low Voltage Directive 2006/95/EC
- EMC Directive 2004/108/EC
- Ecodesign Directive 2009/125/EC, where applicable

CE compliance of this product is valid if powered with the correct CE-marked AC adapter provided by HP.

Compliance with these directives implies conformity to applicable harmonized European standards (European Norms) that are listed in the EU Declaration of Conformity issued by HP for this product or product family and available (in English only) either within the product documentation or at the following HP website <http://www.hp.eu/certificates> (type the product number in the search field).

The compliance is indicated by one of the following conformity markings placed on the product:

For non-telecommunications products and for EU harmonized telecommunications products, such as Bluetooth® within power class below 10mW.

For EU non-harmonized telecommunications products (If applicable, a 4-digit notified body number is inserted between CE and !).

Please refer to the regulatory label provided on the product.

The point of contact for regulatory matters is Hewlett-Packard GmbH, Dept./MS: HQ-TRE, Herrenberger Strasse 140, 71034 Boeblingen, GERMANY.

Japanese notice

ご使用になっている装置に VCCI マークが付いていましたら、次の説明文をお読み下さい。

この装置は、クラス B 情報技術装置です。この装置は、家庭環境で使用することを目的としていますが、この装置がラジオやテレビジョン受信機に近接して使用されると、受信障害を引き起こすことがあります。取扱説明書に従って正しい取り扱いをして下さい。

VCCI-B

VCCI マークが付いていない場合には、次の点にご注意下さい。

この装置は、クラス A 情報技術装置です。この装置を家庭環境で使用すると電波妨害を引き起こすことがあります。この場合には使用者は適切な対策を講ずるよう要求されることがあります。

VCCI-A

BSMI notice

警告使用者:

這是甲類的資訊產品，在居住的環境中使用時，可能會造成射頻干擾，在這種情況下，使用者會被要求採取某些適當的對策。

Korean class A notice

A급 기기 (업무용 방송통신기기)	이 기기는 업무용(A급)으로 전자파적합등록을 한 기기이오니 판매자 또는 사용자는 이 점을 주의하시기 바라며, 가정 외의 지역에서 사용하는 것을 목적으로 합니다.
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Korean class B notice

B급 기기 (가정용 방송통신기기)	이 기기는 가정용(B급)으로 전자파적합등록을 한 기기로서 주로 가정에서 사용하는 것을 목적으로 하며, 모든 지역에서 사용할 수 있습니다.
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Chinese notice

Class A equipment


声明

此为 A 级产品，在生活环境中，该产品可能会造成无线电干扰。在这种情况下，可能需要用户对干扰采取可行的措施。

Laser Compliance

For an adapter with fiber optic connections, the fiber optic module contains a laser that is classified as a Class 1 Laser Product in accordance with US FDA regulations and the IEC 60825-1. The product does not emit hazardous laser radiation.

Each laser product complies with 21 CFR 1040.10 and 1040.11 except for deviations pursuant to Laser Notice No. 50, dated June 24, 2007; and with IEC 60825-1:2007.



WARNING: Use of controls or adjustments or performance of procedures other than those specified herein or in the laser product’s installation guide may result in hazardous radiation exposure. To reduce the risk of exposure to hazardous radiation:

- Do not try to open the module enclosure. There are no user-serviceable components inside.
- Do not operate controls, make adjustments, or perform procedures to the laser device other than those specified herein.
- Allow only HP Authorized Service technicians to repair the unit.

The Center for Devices and Radiological Health (CDRH) of the U.S. Food and Drug Administration implemented regulations for laser products on August 2, 1976. These regulations apply to laser products manufactured from August 1, 1976. Compliance is mandatory for products marketed in the United States.

HPサーバー アダプター

クイック インストール手順




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概要


このカードでは、HPサーバー アダプターの取り付け手順について説明します。取り付け手順について詳しくは、HPのWebサイト<http://www.hp.com/jp/manual>に掲載されているサーバーのユーザー ガイドを参照してください。


警告および注意事項

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警告：けがや装置の損傷を防ぐために、取り付けを開始する前に、ご使用のサーバーに付属の安全上の注意事項とユーザー マニュアルを参照してください。

多くのサーバーで、危険な高電圧が発生する可能性があります。修理をする場合は、危険な高電圧製品の取り扱いに関するトレーニングを受け、保守の資格がある担当者のみが行ってください。感電の危険を回避するためにカバーやインターロックが取り付けられている場合は、カバーを取り外したり、インターロックを無効にしたりしないでください。
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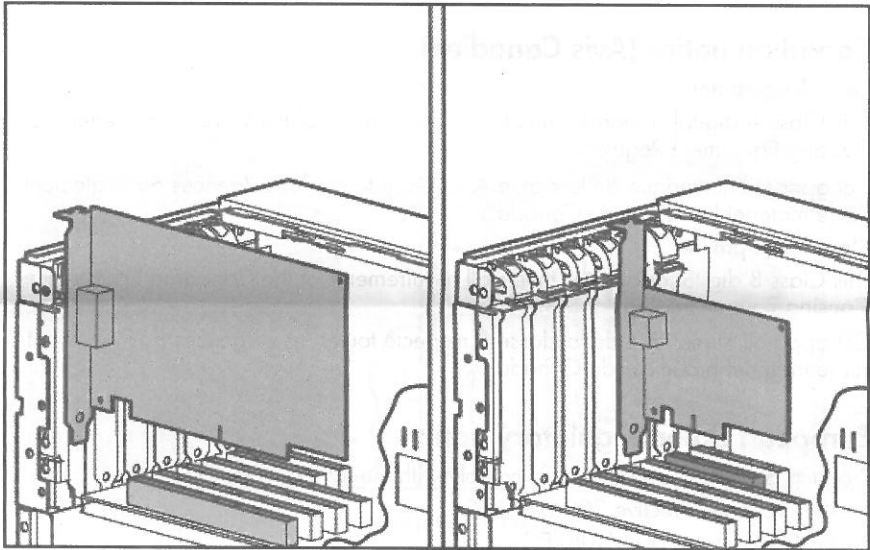
警告：感電を防止するために、システムをAC電源から完全に切り離してから、ノンホットプラグ ハードウェア オプションのシステムへの取り付けや交換を行ってください。すべての電源コードを抜き取って、サーバーの電源を完全に切ってください。
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警告：表面が熱くなっているため、やけどをしないように、ドライブやシステムの内部部品が十分に冷めてから手を触れてください。
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重要：PCI/PCI-Xアダプターは必ず、PCI/PCI-Xスロットに挿入する必要があります。PCI Expressアダプターは必ず、PCI Expressスロットに挿入する必要があります。サーバー アダプターの種類を確認するには、サーバー アダプターのユーザー ガイドを参照してください。PCI/PCI-XスロットおよびPCI Expressスロットの位置を確認するには、サーバーのユーザー ガイドを参照してください。

サーバーへのアダプターの取り付け

- サーバーの電源を切ります。
- サーバーからAC電源コードをすべて取り外します。
- サーバーのアクセス パネルを取り外します。
- ご使用のアダプターに適合するスロット（PCI/PCI-XまたはPCI Express）から、カバー ブラケットを取り外します。
- サーバー シャーシで必要な場合は、アダプターに取り付けられている標準プロファイル ブラケットを取り外し、アダプターに付属のロープロファイル ブラケットと交換します（アダプターのユーザー ガイドを参照）。
- アダプターをしっかりとスロットに取り付けます。図1の左枠はPCI/PCI-Xアダプター、右枠はPCI Expressアダプターを示しています。



- サーバーのアクセス パネルを取り付けなおして、電源コードを接続します。
- LANセグメントのケーブルを接続します。以上で取り付けは完了です。

ドライバーおよびソフトウェアのダウンロード

アダプター用のドライバーおよびソフトウェアをダウンロードするには、以下の手順に従ってください。

- HPのWebサイト<http://www.hp.com/jp/support>にアクセスします。
- [ドライバー&ソフトウェア ダウンロード]を選択します。
- [検索]ボックスにアダプター名をタイプして[検索]をクリックします。

追加情報の入手先

その他の参照情報については、HP製品販売店またはHPのサービス窓口にお問い合わせになるか、HPのWebサイト<http://www.hp.com/jp>を参照してください。

規定に関するご注意

ご使用になっている装置にVCCIマークが付いていましたら、次の説明文をお読みください。

この装置は、クラスB情報技術装置です。この装置は、家庭環境で使用することを目的としていますが、この装置がラジオやテレビジョン受信機に近接して使用されると、受信障害を引き起こすことがあります。取扱説明書に従って正しい取り扱いをしてください。

VCCIマークが付いていない場合には、次の点にご注意ください。

この装置は、クラスA情報技術装置です。この装置を家庭環境で使用すると電波妨害を引き起こすことがあります。この場合には使用者が適切な対策を講ずるよう要求されることがあります。

各国別勧告

以下に日本以外の国や地域での規定を掲載します。

Federal Communications Commission notice

Part 15 of the Federal Communications Commission (FCC) Rules and Regulations has established Radio Frequency (RF) emission limits to provide an interference-free radio frequency spectrum.Many electronic devices, including computers, generate RF energy incidental to their intended function and are, therefore, covered by these rules.These rules place computers and related peripheral devices into two classes, A and B, depending upon their intended installation.Class A devices are those that may reasonably be expected to be installed in a business or commercial environment.Class B devices are those that may reasonably be expected to be installed in a residential environment (for example, personal computers).The FCC requires devices in both classes to bear a label indicating the interference potential of the device as well as additional operating instructions for the user.

FCC rating label

The FCC rating label on the device shows the classification (A or B) of the equipment. Class B devices have an FCC logo or ID on the label.Class A devices do not have an FCC logo or ID on the label.After you determine the class of the device, refer to the corresponding statement.

Class A equipment

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules.These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment.This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.Operation of this equipment in a residential area is likely to cause harmful interference, in which case the user will be required to correct the interference at personal expense.

Class B equipment

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.These limits are designed to provide reasonable protection against harmful interference in a residential installation.This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.However, there is no guarantee that interference will not occur in a particular installation.If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- *Increase the separation between the equipment and receiver.*
- Connect the equipment into an outlet on a circuit that is different from that to which the receiver is connected.
- Consult the dealer or an experienced radio or television technician for help.

Canadian notice (Avis Canadien)

Class A equipment

This Class A digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.
Cet appareil numérique de la classe A respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

Class B equipment

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.
Cet appareil numérique de la classe B respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

European Union regulatory notice

Products bearing the CE marking comply with the following EU Directives:

- Low Voltage Directive 2006/95/EC
- EMC Directive 2004/108/EC
- Ecodesign Directive 2009/125/EC, where applicable

CE compliance of this product is valid if powered with the correct CE-marked AC adapter provided by HP.

Compliance with these directives implies conformity to applicable harmonized European standards (European Norms) that are listed in the EU Declaration of Conformity issued by HP for this product or product family and available (in English only) either within the product documentation or at the following HP website
http://www.hp.eu/certificates (type the product number in the search field).

The compliance is indicated by one of the following conformity markings placed on the product:

For non-telecommunications products and for EU harmonized telecommunications products, such as Bluetooth® within power class below 10mW.



For EU non-harmonized telecommunications products (If applicable, a 4-digit notified body number is inserted between CE and !).



Please refer to the regulatory label provided on the product.

The point of contact for regulatory matters is Hewlett-Packard GmbH, Dept./MS: HQ-TRE, Herrenberger Strasse 140, 71034 Boeblingen, GERMANY.

BSMI notice

警告使用者:

這是甲類的資訊產品，在居住的環境中使用時，可能會造成射頻干擾，在這種情況下，使用者會被要求採取某些適當的對策。

Korean class A notice

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Korean class B notice

B급 기기 (가정용 방송통신기기)	이 기기는 가정용(B급)으로 전자파적합등록을 한 기기로서 주로 가정에서 사용하는 것을 목적으로 하며, 모든 지역에서 사용할 수 있습니다.
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Chinese notice

Class A equipment

声明
此为 A 级产品，在生活环境中，该产品可能会造成无线电干扰。在这种情况下，可能需要用户对干扰采取可行的措施。

レーザー規定

光ファイバー接続を使用しているアダプターの場合、光ファイバー モジュールは、米国政府およびIEC 60825-1で定めるClass 1のレーザー装置基準に適合したレーザー装置を搭載しており、通常の使用では人体に有害なレーザー光線を装置外部に放射することはありません。
各レーザー装置は21CFR 1040.10および1040.11に適合しています（2007年6月24日付Laser Notice No.50に準ずるため違反する場合を除く）。また、IEC 60825-1:2007に適合しています。



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- モジュールのカバーを開けないでください。ユーザーが修理できるコンポーネントはありません。
 - 一般のユーザーが、レーザー装置に対して本書に記載された以外の修理、調整等は絶対にしないでください。
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