

# HP ProLiant Server Setup Poster



## Legal notices

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## ⚠ Important Safety Information

Before installation, read *Important Safety Information* on the Documentation CD. .Documentation CD اقرأ معلومات هامة حول السلامة على القرص المضغوط .Documentation CD  
Před instalací si přečtěte příručku *Důležité bezpečnostní informace* na disku CD.  
安裝之前，請閱讀文檔 CD 上的 **重要安全信息**。  
安裝前，請閱讀說明文件光碟上的「**重要的安全性資訊**」。  
Læs dokumentet Vigtige sikkerhedsoplysninger på dokumentations-cd'en, før produktet installeres.  
Lesen Sie vor der Installation die *Sicherheitshinweise* auf der Documentation CD.  
Enne installimist vt dokumentatsiooni CD-lt peatükki „*Tähtis ohutusteave*“.  
Antes de la instalación, lea la sección *Información de seguridad importante* del CD Documentación.  
Avant l'installation, lisez les *informations importantes relatives à la sécurité* CD Documentation.  
Πριν την εγκατάσταση, διαβάστε *Σημαντικές πληροφορίες ασφαλείας* στο CD Documentation.  
לפני ההתקנה, קרא את *המידע הבטיחותי החשוב* שב-Documentation CD (תקליטור התייעוץ).  
Prije ugradnje, pročitajte *Važne sigurnosne informacije* na dokumentacijskom CD-u.  
Prima dell'installazione, leggere sul CD le *Informazioni importanti sulla sicurezza*.  
インストール前に、Documentation CDの「安全に使用していただくために」をお読みください。  
설치하기 전에 Documentation CD의 **주요 안전 수칙**을 읽으십시오.  
Pirms instalācijas, izlasiet drošības informāciju dokumentācijas CD.  
Prieš diegdami perskaitykite *Svarbią saugos informaciją* dokumentacijos CD.  
Telepítés előtt olvassa el a dokumentációs CD *Fontos biztonsági tudnivalók* dokumentumát.  
Lees de *Belangrijke veiligheidsinformatie* op de documentatie-cd voordat u de installatie uitvoert.  
Les "Viktig sikkerhetsinformasjon" på dokumentasjons-CDen før du installerer dette produktet.  
Przed instalacją przeczytaj *Ważne informacje dotyczące bezpieczeństwa* na dysku CD Documentation.  
Antes da instalação, leia as *Informações Importantes sobre Segurança* no CD da Documentação.  
Перед установкой ознакомьтесь с разделом *Указания по технике безопасности* на компакт-диске «Документация».  
Pred inštaláciou si prečítajte časť *Dôležité bezpečnostné informácie* na disku Documentation CD.  
Pred nameslitvijo preberite *Pomembne varnostne informacije* na CD-ju Documentation.  
Tärkeisiin turvatietoihin" Documentation CD -levyllä ennen tuotteen asentamista.  
Läs dokumentet Viktig säkerhetsinformation på dokumentations-cd:n innan du installerar denna produkt.  
Yüklemeden önce, Documentation CD'sindeki *Önemli Güvenlik Bilgileri*'ni okuyun.  
Перед установкою прочитайте *Важливі відомості з безпеки* на CD документації.

## Translated versions

To view, select a language:

- English ([http://www.hp.com/support/ProLiant\\_Poster\\_v1\\_en](http://www.hp.com/support/ProLiant_Poster_v1_en))
- Français ([http://www.hp.com/support/ProLiant\\_Poster\\_v1\\_fr](http://www.hp.com/support/ProLiant_Poster_v1_fr))
- Italiano ([http://www.hp.com/support/ProLiant\\_Poster\\_v1\\_it](http://www.hp.com/support/ProLiant_Poster_v1_it))
- Español ([http://www.hp.com/support/ProLiant\\_Poster\\_v1\\_sp](http://www.hp.com/support/ProLiant_Poster_v1_sp))
- Deutsch ([http://www.hp.com/support/ProLiant\\_Poster\\_v1\\_gr](http://www.hp.com/support/ProLiant_Poster_v1_gr))
- Nederlands ([http://www.hp.com/support/ProLiant\\_Poster\\_v1\\_nl](http://www.hp.com/support/ProLiant_Poster_v1_nl))
- Português Brasileiro ([http://www.hp.com/support/ProLiant\\_Poster\\_v1\\_bp](http://www.hp.com/support/ProLiant_Poster_v1_bp))
- Русский ([http://www.hp.com/support/ProLiant\\_Poster\\_v1\\_ru](http://www.hp.com/support/ProLiant_Poster_v1_ru))
- 日本語 ([http://www.hp.com/support/ProLiant\\_Poster\\_v1\\_jp](http://www.hp.com/support/ProLiant_Poster_v1_jp))
- 简体中文 ([http://www.hp.com/support/ProLiant\\_Poster\\_v1\\_sc](http://www.hp.com/support/ProLiant_Poster_v1_sc))

## Site requirements

Select an installation site that meets the detailed installation site requirements described in the server user guide on the Documentation CD and on the HP ProLiant Gen8 Server Management Information Library (<http://www.hp.com/go/proliantgen8/docs>).

## Rack planning resources

The rack resource kit ships with all HP branded or Compaq branded 9000, 10000, and H9 series racks. For more information on the content of each resource, see the rack resource kit documentation.

## Software prerequisites

- If you are deploying multiple servers or prefer to install the operating system remotely, use HP Insight Control automated server deployment. For more information, see the *HP Insight Control Server Deployment User Guide* on the HP Insight Software Information Library (<http://www.hp.com/go/insightcontrol/docs>).
- HP Intelligent Provisioning is a single-server deployment tool that is embedded in ProLiant Gen8 servers. It eliminates the need for SmartStart CDs and Smart Update Firmware DVDs. For more information about Intelligent Provisioning, see the *HP Intelligent Provisioning User Guide* on the Documentation CD or the iLO Management Engine Information Library (<http://www.hp.com/go/ilomgmtengine/docs>).  
To prepare for installing the system software using Intelligent Provisioning, obtain a supported operating system on a DVD, CD, FTP server, network, or USB drive. For the latest information on operating system support, see the HP Operating Systems Support website (<http://www.hp.com/go/supportos>).
- If you will not be connected to the Internet during the setup, download the latest HP SPP from the SPP website (<http://www.hp.com/go/spp/download>).

For a detailed installation and configuration checklist, see the *HP ProLiant Gen8 Server and iLO Management Engine Setup Guide* on the Documentation CD or the HP ProLiant Gen8 Server Management Information Library (<http://www.hp.com/go/proliantgen8/docs>).

## Contents of the server shipping carton

Unpack the server shipping carton, and locate the materials and documentation necessary for installing the server.


## 1 Installing hardware options

Install any hardware options before initializing the server. For options installation information, see the documentation that ships with the option. For server-specific information, see the server user guide on the Documentation CD and on the HP ProLiant Gen8 Server Management Information Library website (<http://www.hp.com/go/proliantgen8/docs>).

## 2 Installing the server in the rack


**⚠ WARNING:** The server is very heavy. To reduce the risk of personal injury or damage to the equipment:

- Reduce the weight of the server by removing the hard drives and power supplies before installing the server into the rack.
- At least two people are required to lift the server during installation or removal.

 **CAUTION:** Always plan the rack installation so that the heaviest item is on the bottom of the rack. Install the heaviest item first, and continue to populate the rack from the bottom to the top.


Install the server into the rack. For more information, see the *Quick Deploy Rail System Installation Instructions* that ship with the rack hardware kit.

## 3 Connecting peripheral devices to the server

 **IMPORTANT:** When using cable management arm components, be sure to leave enough slack in each of the cables to prevent damage to the cables when the server is extended from the rack.

Connect the peripheral devices to the server. The ports are labeled on the rear of the server. For more information on ports and connectors, see the server user guide on the Documentation CD and on the HP ProLiant Gen8 Server Management Information Library website (<http://www.hp.com/go/proliantgen8/docs>).

## 4 Connecting the power cord to the power supply

 **WARNING:** To reduce the risk of electric shock or damage to the equipment:

- Do not disable the power cord grounding plug. The grounding plug is an important safety feature.
- Plug the power cord into a grounded (earthed) electrical outlet that is easily accessible at all times.
- Unplug the power cord from the power supply to disconnect power to the equipment.
- Do not route the power cord where it can be walked on or pinched by items placed against it. Pay particular attention to the plug, electrical outlet, and the point where the cord extends from the storage system.

1. Connect the power cord to the power supply.
2. Thread the power cord through the strain relief clip (if applicable). For instructions on using the power cord strain relief clip, see the instructions that ship with the clip.
3. Connect the power cord to the AC power source.

## 5 Powering on and selecting boot options

1. Connect the Ethernet cable and press the Power On/Standby button.
2. During the initial boot:
  - o To modify the server configuration ROM default settings, press **F9** when prompted from the start up sequence to enter the RBSU. By default, RBSU runs in the English language.
  - o If you do not need to modify the server configuration and are ready to install the system software, press **F10** to access Intelligent Provisioning.

**NOTE:** If an HP Smart Array controller has been added or is embedded in the system, the controller defaults to a RAID configuration based on the size and number of hard drives installed. For more information on modifying the controller default settings, see the documentation on the Documentation CD.

For more information on automatic configuration, see the *HP ROM-Based Setup Utility User Guide* on the Documentation CD or the iLO Management Engine Information Library (<http://www.hp.com/go/ilomgmtengine/docs>).

## 6 Installing the system software

To install an operating system on a single server using Intelligent Provisioning:

1. If needed, access Intelligent Provisioning by rebooting the server and pressing **F10**.
2. In the application, complete step 1, Set Intelligent Provisioning preferences.
3. From the Home screen, click **Perform Maintenance**, and then click **Firmware Update**.
4. Ensure the latest drivers are available for installation. Select **Intelligent Provisioning Software** from the list of firmware and click **Update**. If the check box is not selected, the latest drivers are already installed.
5. From the Home screen, click **Configure and Install**.
6. Follow the on-screen prompts to finish the installation.

To update your drivers and system software:

Intelligent Provisioning automatically integrates optimized ProLiant server support software from the HP SPP. SPP is the installation package for operating system-specific bundles of ProLiant optimized drivers, utilities, management agents, and system firmware. For more information on using SPP, see the *HP Service Pack for ProLiant User Guide* on the Documentation CD or the SPP Information Library (<http://www.hp.com/go/spp/documentation>).

The Smart Update Firmware DVD ISO image is also available at the download tab on the HP website (<http://www.hp.com/go/foundation>).

## 7 Registering the server

To register the server, refer to the HP Registration website (<http://register.hp.com>).

### Additional information

The *HP ProLiant Gen8 Troubleshooting Guide, Volume I: Troubleshooting* provides procedures for resolving common problems and comprehensive courses of action for fault isolation and identification, issue resolution, and software maintenance on ProLiant servers and server blades. The *HP ProLiant Gen8 Troubleshooting Guide, Volume II: Error Messages* provides a list of error messages and information to assist with interpreting and resolving error messages on ProLiant servers and server blades. The documents are on the Documentation CD and on the HP website (<http://www.hp.com/go/proliantgen8/docs>).

For definitions of the acronyms used in this document, refer to “Acronyms and abbreviations” on the Documentation CD.

To download the latest user documentation and drivers, including safety and regulatory notices, see the HP website (<http://www.hp.com/support>).

### Abstract

This document describes setup requirements and procedures for ProLiant servers. HP assumes you are qualified in the servicing of computer equipment and trained in recognizing hazards in products with hazardous energy levels.

### Regulatory compliance notices

#### Regulatory compliance identification numbers

For the purpose of regulatory compliance certifications and identification, this product has been assigned a unique series number. The series number can be found on the product nameplate label, along with all required approval markings and information. When requesting compliance information for this product, always refer to this series number. The series number should not be confused with the marketing name or model number of the product.

#### Regulatory notice rating label

The rating label on the device shows which class (A or B) the equipment falls into. Class B devices have an FCC logo or FCC ID on the label. Class A devices do not have an FCC ID or logo on the label. Once the class of the device is determined, refer to the corresponding statement in the user guide on the Documentation CD.

### Documentation feedback

HP is committed to providing documentation that meets your needs. To help us improve the documentation, send any errors, suggestions, or comments to Documentation Feedback (<mailto:docsfeedback@hp.com>). Include the document title and part number, version number, or the URL when submitting your feedback.