

# HP Wireless G USB Print Server

## User Guide



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The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

**Regulatory model identification number**

For regulatory identification purposes, your product is assigned a Regulatory Model Number. The Regulatory Model Number for your product is SDCAB-0801. This regulatory number should not be confused with the marketing name (HP Wireless G USB Print Server) or product number (Q6301A).

**Disposal of Waste Equipment by Users in Private Households in the European Union**



This symbol on the product or on its packaging indicates that this product must not be disposed of with your other household waste. Instead, it is your responsibility to dispose of your waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. The separate collection and recycling of your waste equipment at the time of disposal will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment.

For more information about where you can drop off your waste equipment for recycling, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

有毒有害物质表						
根据中国《电子信息产品污染控制管理办法》						
零件描述	有毒有害物质和元素					
	铅	汞	镉	六价铬	多溴联苯	多溴联苯醚
外壳和托盘*	0	0	0	0	0	0
电线*	0	0	0	0	0	0
印刷电路板*	X	0	0	0	0	0
外部电源*	X	0	0	0	0	0

0: 指此部件的所有均一材质中包含的这种有毒有害物质，含量低于SJ/T11363-2006的限制  
X: 指此部件使用的均一材质中至少有一种包含的这种有毒有害物质，含量高于SJ/T11363-2006的限制  
注：环保使用期限的参考标识取决于产品正常工作的温度和湿度等条件  
\*以上只适用于使用这些部件的产品

# Contents

1	Welcome	
2	Basic setup	
3	Using the USB print server	
	Use the Connection Manager	9
	Connection Manager icons	9
	Cancel a print job	9
	Change printers	9
	Restart the Connection Manager	9
	Use Advanced Setup	10
		10
4	Troubleshooting	
	Cannot detect print server during installation	11
	Can print from most software applications, but the HP software (HP Director or HP Solution Center) does not seem to work (cannot scan or read memory cards)	11
	Installation completed but still cannot print	11
	When using Advanced Setup, my print server does not show up in the list	12
5	Technical information	
	Specifications	13
	Environmental product stewardship program	13
	Protecting the environment	13
	Plastics	13
	Material safety data sheets	13
	Hardware recycling program	13
	Limited warranty statement	14
	FCC statement	15
	Wireless regulatory information	15
	Exposure to radio frequency radiation	15
	Notice to users in Canada	15
	Note à l'attention des utilisateurs canadiens	15
	European Union Regulatory Notice	16
	Products with 2.4-GHz wireless LAN devices France	16
	Italy	16
	Notice to Users in China	16
	Declaration of Conformity	17



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# 1 Welcome

Congratulations on the purchase of your HP Wireless G USB Print Server. The print server was designed to provide a simple and efficient solution for connecting to your HP printer or all-in-one to your wireless network. With supported HP printers, you can print using the print server and with all-in-one devices you can print, scan, copy, and fax (if your device has fax capability).



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## 2 Basic setup

Basic setup instructions are found in the Quick Start Guide.



## 3 Using the USB print server

For most everyday tasks, you will use your printer or all-in-one device just like you always have. Occasionally you may want to use the Connection Manager or Advanced Setup utility.

### Use the Connection Manager

You can use the Connection Manager icon in the System Tray (lower-right corner of your screen) to perform the following tasks.

- Check the status.
- Change printers.
- Access the Print Queue.
- Connect or Disconnect.

### Connection Manager icons

The Connection Manager has a number of icons to tell you the status of the print server. The three common ones are described below.

	The printer or all-in-one device is connected and ready to use.
	The print server can detect the printer or all-in-one but it is not currently connected. The device will be automatically reconnected if a print job is sent. If you want to scan or use the memory card slots, for example, you will need to manually reconnect the device. ▲ To manually reconnect, right-click the icon and select <b>Connect</b> .
	The print server cannot detect the printer. Check to see if all cables are connected between the adapter and printer and that both plugged in and have power.

### Cancel a print job

Use the **Print Queue** to cancel or pause a print job. If you get a message that the print job has failed, you should cancel the job to delete it from the print queue.

1. Right-click the Connection Manager icon and select **Print Queue**.
2. Right-click the print job in the Print Manager and select **Cancel**.

### Change printers

If you have more than one printer using a USB print server on your network, you can change the printer that your computer is connected to.

1. Right-click the Connection Manager icon and select **Select Printer...**
2. Select a different printer and click **Select**.

### Restart the Connection Manager

If the icon does not appear in the system tray, you need to restart the Connection Manager.

- ▲ Go to **Start --> All Programs --> HP USB print server--> Restart connection manager**.

## Use Advanced Setup

The Advanced Setup screen allows you to discover your IP and Mac addresses and, if necessary for your network, manually change the IP address.

- 1 Go to **Start --> All Programs --> HP USB print server--> Advanced Setup**  
The IP and MAC addresses of all print servers on your network will display.
- 2 Select the adapter and click **Next**.  
The **IP Address Setting** screen will display.
- 3 Choose one of the following.
  - a. Select **Obtain IP Address automatically** if you have a DHCP server on your LAN
  - b. Click **Next**.  
OR
  - a. If you do not have a DHCP server on your LAN, you must select **Use the following IP Address**.
  - b. Either accept the suggested IP address or enter a new one.  
The IP Subnet Mask and Default Gateway must match your LAN and will be filled in for you.
  - c. Click **Next**.
3. Confirm your IP settings and click **Apply**.
  - Click Back to go to the previous screen and change the IP address.
  - Click Cancel to exit without making any changes.

## 4 Troubleshooting

### Cannot detect print server during installation.

#### Cause

Either the printer or print server has no power or a cable is unplugged.

#### Solution

Check the power cords and cables between the devices and the network.

#### Cause

In a corporate environment, the firewall may be configured to never allow access and may not give any messages.

#### Solution

Consult with your IT department and ask them to grant access to the print server.

#### Cause

Your print server is on a different subnet.

#### Solution

The print server must be on the same subnet as your computer. Move the print server.

### Can print from most software applications, but the HP software (HP Director or HP Solution Center) does not seem to work (cannot scan or read memory cards)

#### Cause

The wrong printer instance is selected in the HP software.

#### Solution

If you had previously installed the printer on this computer, a second instance of your printer was created when the Network Printer Adapter software was installed. You now have, for example, HP Deskjet 5940 and HP Deskjet 5940 (copy 1). Make sure the new version of the printer is selected in the HP software. Check the online help for the HP Director or the HP Solution center for instructions on selecting the printer.

#### Cause

This is a known problem with some older HP drivers for All-in-Ones.

#### Solution

If you are not having problems printing, we recommend that you use Windows or other applications for scanning and reading memory cards.

1. Open **My Computer**.

Under **Name** you will see listings for the scanner and memory card slots (if your device has them).

For example, if you have an HP Officejet 7310, you will have the following devices listed.

7310 Memory (E:)	Removable Disk
HP Officejet 7300 series...	Image scanner

With some printers, the memory card slot may simply be named "Removable Disk".

2. To access images on a memory card, double-click the device memory name (for example, 7310 Memory).

The images will be displayed as if it was a disk drive.

3. To scan using the Windows applications, right-click the name next to "Image scanner" (for example, HP Officejet 7300 series...) and select **Scan**.

### Installation completed but still cannot print

#### Cause

Connection between print server and network has not been established.

## Solution

Check the Print Adapter icon in the System Tray. If it does not have a green checkmark, then the connection has been lost.

- 1 Right-click the print server icon in the System Tray.
- 2 Select **Connect**.

If that does not work after a minute or so, then try exiting the Connection Manager and starting it again.

1. Right-click the Print Adapter icon in the System Tray.
2. Select **Exit**.
3. Go to **Start --> All Programs --> HP USB print server-->Restart connection manager**.

## Cause

Printer software is very old or not completely installed.

## Solution

1. Verify that you can print using a USB cable.
2. Download the latest printer driver from [www.hp.com/support](http://www.hp.com/support) and install all components.

## When using Advanced Setup, my print server does not show up in the list

### Cause

You have an authenticated network in an Enterprise environment.

### Solution

The product was designed for a small network environment where you can control all the settings.

If you have that type of small network, verify that you have all the settings recorded correctly.

# 5 Technical information

This chapter contains technical information, regulatory information, and environmental information about your print server.

## Specifications

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<b>General</b> <ul style="list-style-type: none"><li>• 802.11g</li><li>• Printer Adapter: USB 1.1</li><li>• PC Adapter: USB 2.0 high speed</li></ul>	<b>Antenna</b> <ul style="list-style-type: none"><li>• Internal PIFA antenna</li><li>• Peak Gain: 0.75 dB</li></ul>
<b>Security</b> <ul style="list-style-type: none"><li>• WEP</li><li>• WPA-PSK</li><li>• WPA2-PSK</li></ul>	<b>Environmental</b> <ul style="list-style-type: none"><li>• Operating Temperature: 0° C – 40° C</li><li>• Storage Temperature: –20° C – 70° C</li><li>• Operating Humidity: 10 – 85% RH</li><li>• Storage Humidity: 5 – 90% RH</li></ul>
<b>Power Consumption</b> <p>3.3 V at 900 mA</p>	

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## Environmental product stewardship program

This section provides information on protecting the environment; ozone production; energy consumption; paper use; plastics; material safety data sheets; and recycling programs.

This section contains information about environmental standards.

### Protecting the environment

Hewlett-Packard is committed to providing quality products in an environmentally sound manner. This product has been designed with several attributes to minimize impacts on our environment.

For more information, visit HP's Commitment to the Environment website at:

[www.hp.com/hpinfo/globalcitizenship/environment/index.html](http://www.hp.com/hpinfo/globalcitizenship/environment/index.html)

### Plastics

Plastic parts over 25 grams are marked according to international standards that enhance the ability to identify plastics for recycling purposes at the end of the product's life.

### Material safety data sheets

Material safety data sheets (MSDS) can be obtained from the HP website at:

[www.hp.com/go/msds](http://www.hp.com/go/msds)

Customers without Internet access should contact their local HP Customer Care Center.

### Hardware recycling program

HP offers an increasing number of product return and recycling programs in many countries, as well as partnering with some of the largest electronic recycling centers throughout the world. HP also conserves resources by refurbishing and reselling some of its most popular products.

For information regarding recycling of HP products, please visit: [www.hp.com/recycle](http://www.hp.com/recycle).

For assistance, call 1-800-HP-INVENT (North America only) or go to the Customer Care website at [www.hp.com/support](http://www.hp.com/support).

# Limited warranty statement

## A. Extent of Limited Warranty

- 1 Hewlett-Packard ("HP") warrants to the end-user customer ("Customer") that each HP accessory product ("Product") shall be free from defects in material and workmanship for twelve months after the date of purchase.
- 2 For each software Product, HP's limited warranty applies only to a failure to execute programming instructions. HP does not warrant that the operation of any Product shall be uninterrupted or error free.
- 3 HP's limited warranty covers only those defects which arise as a result of normal use of a Product, and does not cover any other problems, including those which arise as a result of:
  - a Improper use, maintenance, or modification;
  - b Software, media, parts, accessories, or supplies not provided or supported by HP; or,
  - c Operation outside a Product's specifications.
- 4 If HP receives, during the applicable warranty period, notice of a defect in a Product, HP shall at its option either repair or replace the defective Product.
- 5 If HP cannot repair or replace a defective Product that is covered by HP's limited warranty, HP shall, within a reasonable time after being notified of the defect, refund the purchase price for the Product.
- 6 HP shall have no obligation to repair, replace, or refund until Customer returns the defective Product to HP.
- 7 Any replacement product may be new or like-new, provided it has functionality at least equal to that of the Product being replaced.
- 8 A Product may contain remanufactured parts, components, or materials equivalent to new in performance.
- 9 HP's limited warranty for a Product is valid in any country or locality where HP has a support presence for the Product and has marketed the Product. The level of warranty service may vary according to local standards. Upgraded warranty services, such as next day exchange, on-site service, and accident protection, may be available from HP if separately documented by HP and on additional terms or conditions designated by HP.

## B. Limitations of Warranty

TO THE EXTENT ALLOWED BY LOCAL LAW, NEITHER HP NOR ITS THIRD PARTY SUPPLIERS MAKE ANY OTHER WARRANTY OR CONDITION OF ANY KIND, WHETHER EXPRESS OR IMPLIED, WITH RESPECT TO A PRODUCT, AND SPECIFICALLY DISCLAIM THE IMPLIED WARRANTIES OR CONDITIONS OF MERCHANTABILITY, SATISFACTORY QUALITY, AND FITNESS FOR A PARTICULAR PURPOSE.

## C. Limitations of Liability

- 1 To the extent allowed by local law, the remedies provided in this Limited Warranty Statement ("LWS") are Customer's sole and exclusive remedies.
- 2 TO THE EXTENT ALLOWED BY LOCAL LAW, EXCEPT FOR THE OBLIGATIONS SET FORTH IN THIS LWS, IN NO EVENT SHALL HP OR ITS THIRD PARTY SUPPLIERS BE LIABLE FOR DIRECT, INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, WHETHER BASED ON CONTRACT, TORT, OR ANY OTHER LEGAL THEORY AND WHETHER ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

## D. Local Law

- 1 This LWS gives Customer specific legal rights. Customer may also have other rights that vary from state to state in the United States, from province to province in Canada, and from country to country elsewhere in the world.
- 2 To the extent this LWS is inconsistent with local law, this LWS shall be deemed modified to be consistent with local law. Under local law, certain disclaimers and limitations of this LWS may not apply to Customer. For example, the federal government of the United States, some states in the United States, and some governments outside the United States (including provinces in Canada) may:
  - a Grant Customer additional warranty rights;
  - b Preclude the disclaimers and limitations in this LWS from limiting the statutory rights of a consumer (e.g. the United Kingdom);
  - c Otherwise restrict the ability of a manufacturer to enforce such disclaimers or limitations;
  - d Specify the duration of implied warranties that the manufacturer cannot disclaim; or,
  - e Disallow limitations on the duration of implied warranties.
- 3 For consumer transactions in the United States, any implied warranties imposed by law are limited in duration to the express warranty period.
- 4 FOR CONSUMER TRANSACTIONS IN AUSTRALIA AND NEW ZEALAND, THE TERMS IN THIS LWS, EXCEPT TO THE EXTENT LAWFULLY PERMITTED, DO NOT EXCLUDE, RESTRICT, OR MODIFY, AND ARE IN ADDITION TO, THE MANDATORY STATUTORY RIGHTS APPLICABLE TO THE SALE OF A PRODUCT TO SUCH CUSTOMERS.

## FCC statement

The United States Federal Communications Commission (in 47 CFR 15.105) has specified that the following notice be brought to the attention of users of this product.

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

For further information, contact:

Manager of Corporate Product Regulations  
Hewlett-Packard Company  
3000 Hanover Street  
Palo Alto, Ca 94304  
(650) 857-1501

Modifications (part 15.21)

The FCC requires the user to be notified that any changes or modifications made to this device that are not expressly approved by HP may void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

## Wireless regulatory information

This section contains regulatory information pertaining to wireless products.

- Wireless: Exposure to radio frequency radiation
- Wireless: Notice to users in Brazil
- Wireless: Notice to users in Canada
- European Union Regulatory Notice

## Exposure to radio frequency radiation

**Caution** The radiated output power of this device is far below the FCC radio frequency exposure limits. Nevertheless, the device shall be used in such a manner that the potential for human contact during normal operation is minimized. This product and any attached external antenna, if supported, shall be placed in such a manner to minimize the potential for human contact during normal operation. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the antenna shall not be less than 20 cm (8 inches) during normal operation.

## Notice to users in Canada

**For Indoor Use.** This digital apparatus does not exceed the Class B limits for radio noise emissions from the digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications. The internal wireless radio complies with RSS 210 and RSS GEN of Industry Canada.

## Note à l'attention des utilisateurs canadiens

**For Indoor Use.** Le présent appareil numérique n'émet pas de bruit radioélectrique dépassant les limites applicables aux appareils numériques de la classe B prescrites dans le Règlement sur le brouillage radioélectrique édicté par le ministère des Communications du Canada. Le composant RF interne est conforme à la norme RSS-210 and RSS GEN d'Industrie Canada.

第十二條 經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。

第十四條 低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。前項合法通信，指依電信規定作業之無線電通信。低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

## European Union Regulatory Notice

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

Low Voltage Directive 2006/95/EEC

EMC Directive 2006/95/EEC

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

If this product has telecommunications functionality, it also complies with the essential requirements of the following EU Directive:

R&TTE Directive 1999/5/EC

Compliance with these directives implies conformity to harmonized European standards (European Norms) that are listed in the EU Declaration of Conformity issued by HP for this product or product family. This compliance is indicated by the following conformity marking placed on the product.



The wireless telecommunications functionality of this product may be used in the following EU and EFTA countries:

Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Liechtenstein, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovak Republic, Slovenia, Spain, Sweden, Switzerland, and United Kingdom.

### Products with 2.4-GHz wireless LAN devices France

For 2.4 GHz Wireless LAN operation of this product certain restrictions apply: This product may be used indoor for the entire 2400-2483.5 MHz frequency band (channels 1-13). For outdoor use, only 2400-2454 MHz frequency band (channels 1-9) may be used. For the latest requirements, see <http://www.art-telecom.fr>.

### Italy

License required for use. Verify with your dealer or directly with the General Direction for Frequency Planning and Management (Direzione Generale Pianificazione e Gestione Frequenze).

## Notice to Users in China

有毒有害物质表						
根据中国《电子信息产品污染控制管理办法》						
零件描述	有毒有害物质和元素					
	铅	汞	镉	六价铬	多溴联苯	多溴联苯醚
外壳和托盘*	0	0	0	0	0	0
印刷电路板*	X	0	0	0	0	0
打印系统*	X	0	X	0	0	0
外部电源*	X	0	0	0	0	0
电线*	0	0	0	0	0	0
光盘*	0	0	0	0	0	0
电池板*	0	0	0	0	0	0
显示器*	0	0	0	0	0	0
自动双面打印系统*	0	0	0	0	0	0
网络配件*	0	0	0	0	0	0

0: 指此部件的所有均一材质中包含的这种有毒有害物质, 含量低于 SJ/T11363-2006 的限制  
X: 指此部件使用的均一材质中至少有一种包含的这种有毒有害物质, 含量高于 SJ/T11363-2006 的限制  
注: 环保使用期限的参考标识取决于产品正常工作的温度和湿度等条件  
\*以上只适用于使用这些部件的产品



## DECLARATION OF CONFORMITY

according to ISO/IEC Guide 22 and EN 45014

Manufacturer's Name: Hewlett-Packard Company

Manufacturer's Address: 16399 West Bernardo Drive  
San Diego CA 92127, USA

Regulatory Model Number: SDCAB-0603

Declares, that the product:  
Product Name: HP Wireless Printing Upgrade Kit

Radio Regulatory Model No: RSVLD-0603  
RSVLD-0604

### Conforms to the following Product Specifications:

Safety: IEC 60950-1: 2001 / EN60950-1: 2001  
IEC 60825-1 Edition 1.2: 2001 / EN 60825-1:1994+A1:2002+A2: 2001 Class 1(Laser/Led)  
UL 60950-1: 2003 / CAN/CSA-22.2 No. 60950-1-03  
NOM 019-SFCI-1993

EMC: CISPR 22:1997+ A2:1996 / EN 55022:1998+A2:1997 Class B

CISPR 24:1997+A1:2001+A2:2003 / EN 55024:1998+A1:2001+A2:2003  
EN 301 489-1: 2002 / EN 301 489-17: 2002  
FCC Part 15-Class B / ICES-003, Issue 4

Telecom: EN 300 328 v.1.6.1: 2004-11  
FCC Part 15C/RSS-210

Health: EU:1999/519/EC

### Supplementary Information:

The product herewith complies with the requirements of the Low Voltage Directive 73/23/EC, the EMC Directive 89/336/EC, and with the R&TTE Directive 1999/5/EC and carries the CE-marking accordingly. The product was tested in a typical configuration.

This Device complies with Part 15 of the FCC Rules. Operation is subject to the following two Conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation

For regulatory purpose, this product is assigned a Regulatory Model Number (RMN). This number should not be confused with the product marketing name or number.

**San Diego, California USA**  
**May 2006**

For Regulatory Topics only, contact:

European Contact: Hewlett Packard GmbH, HQ-TRE, Herrenberger Strasse 140, D-71034 Böblingen Germany (FAX +49-7031-14-3143)

USA Contact: Product Regulations Manager, Hewlett Packard Company, San Diego, (858) 655-4100.

