

WPS-300UP 802.11g Wireless 3-port Print Server 2-USB2.0 High-Speed Ports + 1-Parallel Port



Specification:

Interfaces:

USB*: 2*USB 2.0 High-Speed-compliant ports, supporting 1.5Mbps (low speed), 12Mbps (full speed), and 480Mbps (high-speed) data transmission rates. This port automatically detects the make and model of the USB printer.

Parallel: 1* DB-25-pin female Centronics port, supporting bi-directional communication

LAN: 1*Compliant with IEEE 802.3/802.3u standard, 10/100Mbps auto-sensing, RJ-45 (UTP) connector

Wireless LAN: Complies with IEEE 802.11b & 802.11g standards, supporting Ad-Hoc and Infrastructure modes

** This product does not support use of USB hubs for daisy-chained connection, USB-to-Parallel connectors, or USB cable extenders.*

Key Software Specification

- Easy-to-Use Windows Setup Wizard
- Network Operating System Support: Windows 95/98/98SE/Me, Windows NT, 4.0/2000/XP, Mac OS 8.1 or higher, UNIX/Linux, NetWare (Bindery/NDS)
- Network Protocol Support: TCP/IP, IPX, NetBEUI, AppleTalk, LPR, SMB (over IP)
- Internet Printing Protocol (IPP) Support
- Windows Print Monitor Technology
- DHCP (client) Support
- Default IP Address

Key Software Specification:

- Default IP Address 192.168.0.10; DHCP: off
- Management
 1. Web Interface
 2. Windows-based Setup Program
- Software Upgradeable (Web browser and TFTP)
- HP Web JetAdmin Support
- E-Mail Alert Support
- Job Log Support Yes
- Firmware Upgradeable
 1. Web interface
 2. Windows-based Setup Program
 3. TFTP

Hardware Specification

- CPU: RDC R2886 @150MHz
- Flash 1Mbytes
- System Memory 2Mbytes SDRAM
- Wireless 802.11g(b) miniPCI module
- USB Port 2* USB 2.0 high-speed-compliant port, supporting USB 1.1 standard and bi-directional communication
- Parallel Port 1* DB-25-pin male Centronics port, supporting bi-directional communication
- LAN Port 1 10/100Mbps auto-sensing, RJ-45 (UTP) connector
- Reset/Load Default
- Button

Feature

Host Interface

miniPCI

Operation Voltage

3.3V +/- 10%

Frequency Range

2.400~ 2.4835Ghz

Channel Support

US/Canada: 11 (1~11) Europe: 13 (1~13) France: 4 (10~13) Japan: 13 (1~13)

Standard Compliance

802.11b, 802.11g

Modulation

802.11b: DSSS; 802.11g: OFDM

Receiver Sensitivity (Typical value)

54Mbps OFDM @10% PER = -68dBm

11Mbps DSSS @8% PER = -82dBm

Output Power (estimated)

802.11b: 11Mbps 17.5+/-1 dBm

802.11g: 54Mbps 14.0+/-1 dBm

Transmission Rate

802.11b: 1, 2, 5.5, 11Mbps;

802.11g: 6, 9, 12, 18, 24, 36, 48, 54Mbps

Access Mode

Ad-Hoc and Infrastructure mode

Wireless Security

WEP: 64/128-bit

WPA: WPA-PSK (TKIP, AES)

Operation Range (estimated)

Indoor: 20m @54Mbps 60m @18Mbps 75m @11Mbps

Outdoor: 50m @54Mbps 150m @18Mbps 180m

@11Mbps

Regulatory Compliance

EMI Certification CE, FCC class B

Others:

PCB Size :

153 x 90 mm (tolerance: +/-1 mm)

Power Supply :

5VDC, 2A (Switching)

Temperature Operating :

0 ~ 50°C; Storage : -5 ~ 65 °C

Humidity Operating :

0 ~ 70%; Storage : 0 ~ 80%

LED Function	Counter	Remark
Power	1	Green
Status	1	RED
LAN 10/100	2 (G/Y)	Green for 100Mbps, Yellow for 10Mbps
Parallel port	1	Green
USB port 1	2 (G/Y)	Green for Hi-Speed, Yellow for other
USB port 2	2 (G/Y)	Green for Hi-Speed, Yellow for other

Ordering Information:

WPS-300UP : 802.11g 3-Port Wireless Print Server (2-USB2.0 High-Speed Ports + 1-Parallel Port)

* Product specification subject to change without notice.