

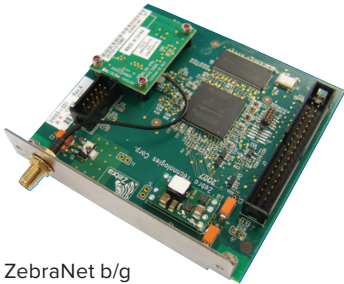


ZEBRA

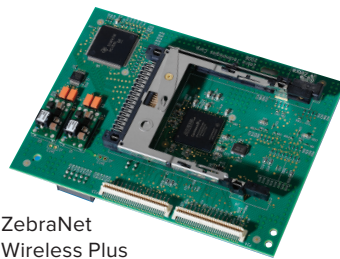
ZebraNet Print Server Family

ZEBRA EVERYWHERE AND ANYWHERE

Need location-dependent printing minus the hassle and cost of recabling? Zebra® offers the ZebraNet® b/g Print Server and the ZebraNet Wireless Plus, both with advanced authentication and encryption protocols, so you can enjoy ultimate mobility with reliable network and data security. For flexible connectivity options, get ZebraNet 10/100 Print Server for 10Base-T, 100Base-TX, and fast Ethernet 10/100 auto-switching networks.



ZebraNet b/g
Print Server



ZebraNet
Wireless Plus
Print Server



Optional tethered
antenna for b/g
Print Server



ZebraNet b/g Print
Server installed on
a Zebra Xi4 printer

Wireless

Wireless connectivity lets you reposition your Zebra printers as needed without recabling. With Zebra's internal ZebraNet b/g Print Server, connect most Zebra tabletop printers to 802.11b/g networks right out of the box. The print server has an internal, theft-resistant radio that doesn't require you to buy a separate card. Optional tethered antenna with magnetic mount can optimize reception by enabling the user to position the antenna in a manner to improve signal quality.

ZebraNet Wireless Plus Print Server offers a high level of wireless security for most Zebra tabletop printers for flexible re-configuration of printers as business needs require.

Advanced Connectivity for Advanced Printers

Only Zebra print servers are designed and tested to work with Zebra printers. This means that you can deploy your printing solutions seamlessly without having to worry about compatibility issues.

In addition, Zebra print servers enable you to see the print server settings (like the IP address) on the printer's front panel, making it simpler to install printers into your environment.

Finally, most third-party print servers only allow for remote management of the print server itself. With a Zebra print server, you can remotely manage both the print server and the printer using any of Zebra's ZebraLink™ products, such as ZebraNet™ Bridge Enterprise and Mirror. This is a great benefit for organizations whose printers are deployed globally but are managed through a central IT group.

Zebra now offers you a choice in print server products to make the world's best printers even better:

- Flexible 10/100 Ethernet connectivity for high-performance and industrial-strength printers (internal and external options)
- Secure wireless network connectivity for location-independent printer operations anytime, anywhere
- Deported antenna available to ensure ease of integration
- Effortless installation and centralized connectivity and control via Zebra advanced printer management

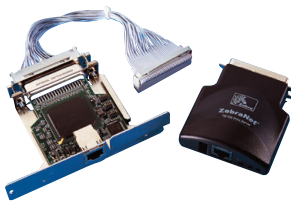
Print Server Benefits Comparison

Internal

- Provides a smaller footprint
- Can be factory installed
- Is more theft resistant

External

Allows you to swap out printers without reconfiguring network settings on either the printer or the host.



Wired

ZebraNet 10/100 Print Server is available in an internal or external version that provides a complete wired solution for 10Base-T, 100Base-TX, and fast Ethernet 10/100 autoswitching networks.

For more information about the ZebraNet Print Servers, visit www.zebra.com or access our global contact directory at www.zebra.com/contact

Product Compatibility

Printer Model	ZebraNet b/g Print Server	ZebraNet Wireless Plus	ZebraNet 10/100 Print Server (Internal)	ZebraNet 10/100 Print Server (External)
Xi4™ Series	1, 2	1, 2	Standard	Yes
XIIIPlus™ Series		1, 2	1, 2	Yes
105SL™		1, 2	1, 2	Yes
ZM400™ / ZM600™	1, 2	1, 2	1, 2	Yes
Z4Mplus™ / Z6Mplus™			1, 2	Yes
S4M™	1, 2	1, 2	1, 2	Yes
PAX4™	1, 2	1, 2	1, 2	Yes
R110Xi4™	1, 2	1, 2	Standard	Yes
R110Xi™ / R170Xi™		1, 2	1, 2	Yes
RZ400™/RZ600™	1, 2	1, 2	1, 2	Yes
R110PAX4™		1, 2	1, 2	Yes
R2844-Z™				Yes
TLP 2824Plus™ / LP 2824Plus™			1	Yes
TLP 2844™ / LP 2844™				Yes
TLP 2844-Z™ / LP 2844-Z™				Yes
HC100™			1	Yes

1 - Internal, factory option
2 - Internal, field kit

Go to www.zebra.com/zebralink or ask your Zebra reseller for more details.

Supported Securities

		Supported Radio Cards for ZebraNet Wireless Plus			
		Cisco CB21	Cisco 350	Zebra LA-4121	Zebra LA-4137CF
	ZebraNet b/g Print Server				
Open	Yes	Yes	Yes	Yes	Yes
EAP-FAST	Yes	Yes	Not Supported	Yes	Yes
EAP-TLS	Yes	Yes	Not Supported	Yes	Yes
EAP-TTLS	Yes	Yes	Not Supported	Yes	Yes
Kerberos	Not Supported	Not Supported	Not Supported	Yes	Yes
LEAP	Yes	Yes	Yes	Yes	Yes
PEAP	Yes	Yes	Not Supported	Yes	Yes
WEP (40 bit and 128 bit)	Yes	Yes	Yes	Yes	Yes
WPA – LEAP	Yes	Yes	Yes	Yes	Yes
WPA – PSK	Yes	Yes	Yes	Yes	Yes
WPA – EAP-FAST	Yes	Yes	Yes	Yes	Yes
WPA – EAP-TLS	Yes	Yes	Yes	Not Supported	Yes
WPA – EAP-TTLS	Yes	Yes	Yes	Not Supported	Yes
WPA – PEAP	Yes	Yes	Yes	Yes	Yes
WPA2 – LEAP	Yes	Yes	Not Supported	Not Supported	Not Supported
WPA2 – PSK	Yes	Yes	Not Supported	Not Supported	Not Supported
WPA2 – EAP-FAST	Yes	Yes	Not Supported	Not Supported	Not Supported
WPA2 – EAP-TLS	Yes	Yes	Not Supported	Not Supported	Not Supported
WPA2 – EAP-TTLS	Yes	Yes	Not Supported	Not Supported	Not Supported
WPA2 – PEAP	Yes	Yes	Not Supported	Not Supported	Not Supported

Contact your Zebra Representative for information on firmware compatibility.



PRODUCT SPEC SHEET

ZEBRANET PRINT SERVER FAMILY

ZebraNet Print Server Family Specifications

ZebraNet b/g Print Server and ZebraNet Wireless Plus Print Server

OPERATING CHARACTERISTICS

- Wireless network compatibility — IEEE 802.11b/g
- Data Rates Supported — 1, 2, 5.5, 11, and 54 Mb per second
- Wireless Medium DSSS (Direct Sequence Spread Spectrum)
- Frequency Band — 2.4 to 2.4897 GHz

WIRELESS SECURITIES

Refer to page 3 for supported securities

USER INTERFACE

- Link Status Indicator — real-time display of the printer's network status
- Wireless Signal Indicators

ADDITIONAL TOOLS SUPPORT

Support Configuration via ZebraNet Bridge Enterprise remote printer management software and Telnet

POWER

Power provided by printer

ENVIRONMENT

Operates to the environmental specifications of the printer

RANGE

- b/g Print Server**
- 300 m open air
 - 300 m open air

Wireless Plus Print Server
Based on radio card selected

SUPPORTED PRINTERS

- b/g Print Server**
- Xi4 Series
 - ZM400 / ZM600
 - S4M
 - PAX4 Series
 - R110Xi4
 - RZ400 / RZ600

- Wireless Plus Print Server**
- Xi4 Series
 - XiIIIPlus Series
 - 105SL
 - ZM400 / ZM600
 - S4M
 - PAX4 Series
 - R110Xi4
 - R110Xi / R170Xi
 - RZ400 / RZ600
 - R110PAX4

OPTIONAL ACCESSORIES

b/g Print Server
Tethered Antenna

Wireless Plus Print Server
See page 3 for radio card options

PRODUCT WARRANTY

ZebraNet Print Servers are warranted against defects in workmanship and materials for a period of 1 (one) year from the date of shipment. For the complete warranty statement, please visit: www.zebra.com/warranty.

RECOMMENDED SERVICES

Zebra OneCare Support Services (www.zebra.com/zebraonecare) maximize the availability and productivity of your devices. Features include 24/7 technical support, device diagnostics, comprehensive coverage, advance replacement and software updates. Optional Visibility Services are available.

Specifications subject to change without notice.

ZebraNet 10/100 Print Server

OPERATING CHARACTERISTICS

- Ethernet 10Base-T and 100Base-TX UTP RJ45 connection
- Auto senses full- and half-duplex communications

PRINTER CONNECTION

Bi-directional, IEEE-1284 Centronics® parallel port (Compatibility, Nibble, and ECP)

USER INTERFACE

- Test button: diagnostic test and configuration printing
- Activity indicators: bi-color display of operational status; bi-color display of speed and network activity

OPERATING CHARACTERISTICS

Environmental	Operating Temperature: 32°F to 104°F/ 0°C to 40°C Operating Humidity: 25% to 85% non-condensing Storage Temperature: -40°F to 140°F/ -40°C to 60°C Storage Humidity: 5% to 85% non-condensing
Electrical	Maximum 750mA at 5.25VDC Nominal 475mA at 5VDC Power provided by the printer (Centronics pin 18, 5VDC at 475mA)
Agency Approvals	CISPR 22 Class B; Canadian Doc.; FCC Class B; EN55024; AS/NZS3548

PHYSICAL CHARACTERISTICS

Length	3.2" / 81.28 mm
Width	2.8" / 71.12 mm
Height	1.2" / 30.48 mm
Weight	2.7 oz / 77 g

SUPPORTED PRINTERS

- Xi4 Series
- XiIIIPlus Series
- 105SL
- ZM400 / ZM600
- Z4Mplus / Z6Mplus
- S4M
- PAX4 Series
- R110Xi4
- R110Xi / R170Xi
- RZ400 / RZ600
- R110PAX4
- R2844-Z (external only)
- G-Series (internal only)
- TLP 2824 Plus / LP 2824 Plus
- TLP 2844 / LP 2844™ (external only)
- TLP 2844-Z / LP 2844-Z (external only)
- HC100 (internal only)

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NA and Corporate Headquarters | +1 800 423 0442 | inquiry4@zebra.com