



ZebraNet®

Print Server Family

Advanced connectivity

How do you make Zebra bar code printers even better? With ZebraNet print servers, delivering enhanced connectivity solutions to meet the needs of evolving network environments.

Zebra everywhere and anywhere

When you need location-independent printing without the hassle and cost of recabling, use the 802.11b-compliant ZebraNet Wireless Print Server option with LEAP authentication and encryption. Then 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, or the ZebraNet PrintServer II for cost-effective Ethernet connectivity to 10Base-T and Novell® IPX/SPX networks.

High-speed printing and networking

Rely on Zebra to meet your high-speed printing and networking needs. All ZPL®-based Zebra printers enabled with ZebraNet print servers offer optimal integration for today's network environment with easy setup and configuration via Zebra advanced printer management.



Reliability on demand™

ZebraNet® Print Server Family

Wired and Wireless Connectivity Solutions



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
- Secure wireless network connectivity for location-independent printer operations any time, anywhere
- 10Base-T Ethernet connectivity for competitively priced, compact desktop printers
- Effortless installation and convenient remote printer management via ZebraLink™ advanced printer management

ZebraLink™ Solutions



With ZebraLink Solutions, you can take advantage of the latest innovations today and tomorrow. Zebra is continually adding new features and options to give you more ways to connect, more ways to control your printers, and more ways to manage your enterprise.

Software

ZebraDesigner™ Pro
ZebraNet™ Bridge Enterprise
ZebraNet Utilities v 7.0
Zebra Universal Driver

Networking

ZebraNet Wireless Print Server
ZebraNet 10/100 Print Server
ZebraNet PrintServer II

Firmware

ZPL® and ZPL II®—Universal language for Zebra printers. Simplifies label formatting and enables format compatibility with other Zebra printers

Web View—Enables you to connect and control your bar code printer's Web interface using a common Web browser

Alert—Printers equipped with ZebraNet print servers will notify you via any email-enabled, wired, or wireless device to minimize downtime

ZebraNet Wireless Print Server

ZebraNet Wireless Print Server enhances the *XIIIPlus* and 105SL printers' wireless connectivity, plus it gives new wireless capabilities to Z4Mplus, Z6Mplus and the *PAX4* series printers.

A lower-cost connectivity option that replaces clumsy wireless bridges and power supplies, the 802.11b-compliant ZebraNet Wireless Print Server removes network tethers to provide location-independent printer operation.

Operating Characteristics

Wireless network compatibility – 802.11b
Data Rates Supported – 1, 2, 5.5, and 11Mbps
Wireless Medium DSSS (Direct Sequence Spread Spectrum)
Frequency Band – 2.4 to 2.4897GHz

Radio Cards

See product technical specifications for supported Cisco® and Symbol® radio card models.

Security

802.1X-LEAP authentication and encryption ensures network and data security. Open System and Shared Key encryption are supported.

Wireless Network Connection

IEEE 802.11b RF LAN radio cards (PCMCIA format), supported speeds: 11MB, 5.5MB, 2MB, and 1MB

Network/Print Server Connection

10Base-T UTP RJ45 connection; Auto-senses IEEE 802.3, Ethernet II, IEEE 802.2, and IEEE 802.2/SNAP frame formats

User Interface

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

Additional tools support

SetWLAN – configuration utility

OTHER FEATURES

Power

Power provided by the printer

Environment

Operates to the environmental specifications of the printer.

Agency Approvals

Safety: UL 1950; IEC 950; CSA 950-95; EN 60950: 1995;
CE: CISPR 22 (-B); CE Compliance; EN 55024:1998;
EN 61000-3-2, -3-3
FCC: (Class B – *XIII* only); FCC (Class A – *XII*);
Canadian Doc. (Class A)

Warranty

One year



ZebraNet 10/100 Print Server

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 auto-switching networks. When paired with the industrial-strength Zebra *XIIIPlus*, *PAX4*, 105SL, and Z4Mplus/Z6Mplus printers with enhanced ECP parallel support, it offers greater data transmission speeds for faster throughput.

Operating Characteristics

Auto-senses IEEE 802.3, Ethernet II, IEEE 802.2, and IEEE 802.2/SNAP frame formats
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-colour display of operational status;
bi-colour display of speed and network activity

Electrical

Maximum 750mA at 5.25VDC
Nominal 475mA at 5VDC
Power provided by the printer (Centronics pin 18, 5VDC at 475mA)

OTHER FEATURES

Physical Characteristics

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

Environment

Operating Temperature: 0°C (32°F) to 40°C (104°F)
Storage Temperature: -40°C (-40°F) to 60°C (140°F)
Operating Humidity: 25 to 85% non-condensing
Storage Humidity: 5 to 85% non-condensing

Agency Approvals

CISPR 22 Class B; Canadian Doc.; FCC Class B; EN55024;
AS/NZS3548

Warranty

Three years

ZebraNet Print Server II

ZebraNet PrintServer II is ideal for desktop printers on a 10Base-T or Novell® IPX/SPX network and offers easy remote management for ZPL-based printers via Zebra printer management. It is available in an internal version that provides a static footprint, or an external configuration, which conveniently connects to the printer's parallel port and obtains power directly from the printer – external power supplies not required!

Operating Characteristics

Auto-senses IEEE 802.3, Ethernet II, IEEE 802.2, and IEEE 802.2/SNAP frame formats
Ethernet 10Base-T UTP RJ45 connection

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-colour display of operational status

Electrical

Power provided by the printer (Centronics pin 18, 5VDC at 200mA)

Additional system support

Novell® NetWare®: NetWare 3 and 4 (NDS and Bindary)
Simultaneous support for NetWare NDS and NDPS, Novell Generic Gateway and HP® Printer Gateway, Dedicated print server and remote print server modes. Up to eight file servers and 32 queues, Print Protocols and methods: IPX: NDS, SPX, Pserver, SPX Direct Print

OTHER FEATURES

Physical Characteristics

Width: 63.5mm (2.5")
Length: 91.4mm (3.6")
Height: 20.3mm (0.8")
Weight: 71g (2.5oz)

Environment

Operating Temperature: 0°C (32°F) to 40°C (104°F)
Storage Temperature: -40°C (-40°F) to 60°C (140°F)
Operating Humidity: 25 to 85% non-condensing
Storage Humidity: 5 to 85% non-condensing

Agency Approvals

CISPR 22 Class B; Canadian Doc.; FCC Class B; EN55024;
AS/NZS3548

Warranty

Three years

Print Server Family Specifications at a Glance*



Compatibility Matrix

Current Printer Models**	ZebraNet Wireless Print Server	ZebraNet 10/100 Print Server	ZebraNet PrintServer II
XiIIIPlus Series	1, 2, 4	1, 2, 3, 4	1, 2, 3, 4
PAX4 Series	1, 2, 4	1, 2, 3, 4	
Z4Mplus/Z6Mplus	1, 2, 4	3, 4	1, 2, 3, 4
105SL	1, 2, 4	1, 2, 3, 4	1, 2, 3, 4
S600		3, 4	3, 4
R110XiIIIPlus			1, 2, 3, 4
R-140			1, 2, 3, 4
R4Mplus			1, 2, 3, 4
R2844-Z			2, 3, 4
2746e			2, 3
TLP 2844 and LP 2844			2, 3
TLP 2844-Z and LP 2844-Z			2, 3, 4
TLP 2824 and LP 2824			2, 3
TLP 3842			2, 3
TLP 3844-Z			2, 3, 4
1 – Internal, field kit 2 – Internal, factory option 3 – External, field kit 4 – ZebraLink-compatible			
* Specifications subject to change without notice. ** Only currently selling products. Go to www.zebra.com or ask your Zebra reseller for more details.			

Standard features

- Logical Printer Support
- SMTP
- POP3
- Zebra Management Information Base (MIB) Support

System

- Microsoft® Windows® 95/98/Me/NT/2000/XP
- Client mode for peer-to-peer printing via TCP/IP
- Print Protocols and Methods (all simultaneously active): TCP/IP: LPR/LPD, Telnet, FTP, IPP v1.0,
- Raw printer port (port 9100)
- UNIX®, Linux®, Novell®, and other systems supporting TCP/IP
- Print Protocols and Methods (all simultaneously active): TCP/IP: LPR/LPD, Telnet, FTP, IPP v1.0,
- Raw printer port (port 9100)

Administration protocols

- TCP/IP: ARP, RARP
- TCP/IP and UDP: DHCP, BOOTP, SNMP v1.0
- HTML v3.2
- HTTP v1.0

*Specifications listed are for base model printers with standard features only unless otherwise noted. Specifications subject to change without notice. All product and brand names are trademarks of their respective companies. All rights reserved.

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For further information on these products, please visit the Zebra web site at: www.zebra.com



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South Korea

Middle East: Dubai



FS-30902
An ISO 9000 registered company

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Europe Limited
Printed in the UK

#12543L Rev.1 (08/05)