



# *Xi*<sup>™</sup> Series

High Performance Bar Code Printing

**Be informed  
instantly of your  
printer's status and  
respond quickly—  
from any location!**

Meet the printers that talk back! *XIII* printers—the newest members of Zebra's *Xi* Series—are the world's first family of printers to combine active alert messaging for error notification with Web-enabled monitoring and configuring capabilities. You can be informed instantly of your printer's status and respond quickly—no matter where you are in the world.

**Connect With It**

Zebra® *XIII* printers' plug-and-print tools mean they can be connected easily to your corporate wired or wireless network. Add in Zebra's legendary rugged reliability, and you've got hard-working printers that are very easy to connect with—even if they do talk back!



# Xi Series



## Meet The XiIII™ Family

**XiIII printers from Zebra's Xi Series offer revolutionary features including:**

- Flash firmware
- 4MB DRAM memory
- 1.5MB non-volatile Flash memory
- ZebraNet™ PrintServer II Ethernet Interface option includes:
  - Web View* graphical and remote printer setup and control
  - Web Alert* unsolicited error and status notification
- Zebra BASIC Interpreter—ZBI™
- Bi-directional IEEE 1284 parallel communications
- Bi-fold media door option
- Real-time clock option
- Advanced media/label counter option
- Applicator interface option

**N a m e d**

**“BEST NEW  
PRODUCT OF  
THE YEAR”**

**a t S C A N T E C H**



## 9 0 X i III

The 90XiIII printer is ideal for applications that require small, high-resolution bar code labels, such as tracking printed circuit boards and small parts, and identifying small products. The printer's standard 300dpi printhead ensures text, graphics and bar codes always print clearly—essential when label space is limited.

### Maximum Print Area

Width: 3.4"/86mm  
Length (with standard memory):  
39"/991mm

### Resolution

300dpi/12 dots/mm

### Maximum Print Speed

8"/203mm per second

### Physical Characteristics

Width: 9.15"/232.4mm  
Depth: 19.5"/495mm  
Height: 15.5"/393.7mm  
Weight: 50lbs./22.7kg

### Media Specifications

Label and liner width:  
.79"/20mm – 3.54"/90mm  
Ribbon width:  
.79"/20mm – 3.4"/87mm

## 9 6 X i III

The industry's first 600dpi printer—the 96XiIII—is unmatched for printing large amounts of bar code, text and graphics information in limited label space. This printer is ideal for applications that require extremely high resolution—labeling electronic components, telecommunication assemblies, computer peripherals, small pharmaceutical packaging, diagnostic research samples, and more.

### Maximum Print Area

Width: 3.2"/81mm  
Length (with standard memory):  
20"/508mm

### Resolution

600dpi/23.5 dots/mm

### Maximum Print Speed

4"/102mm per second

### Physical Characteristics

Width: 9.15"/232.4mm  
Depth: 19.5"/495mm  
Height: 15.5"/393.7mm  
Weight: 50lbs./22.7kg

### Media Specifications

Label and liner width:  
.79"/20mm – 3.54"/90mm  
Ribbon width:  
.79"/20mm – 3.4"/87mm



## 1 4 0 X i III

The 140XiIII is the fastest printer in Zebra's Xi Series, printing at up to 12 inches per second (ips). With such powerful performance and steel construction, it is the ideal choice for high-volume, mission-critical applications with 24-hour duty cycles. The 140XiIII is also well-suited for applications in which labels are required quickly, either on demand or in batches.

### Maximum Print Area

Width: 5.04"/128mm  
Length (with standard memory):  
39"/991mm

### Resolution

203dpi/8 dots/mm

### Maximum Print Speed

12"/305mm per second

### Physical Characteristics

Width: 11.15"/283.2mm  
Depth: 19.5"/495mm  
Height: 15.5"/393.7mm  
Weight: 55lbs./25kg

### Media Specifications

Label and liner width:  
1.57"/40mm – 5.51"/140mm  
Ribbon width:  
1.57"/40mm – 5.1"/130mm



## 1 7 0 X i III

The industrial-strength 170XiIII has a 12-gauge steel frame, 300dpi print resolution and the ability to print labels up to 6.6 inches wide at eight inches per second (ips). Tough compliance labeling applications are no match for the 170XiIII, since it can easily print large numbers of AIAG, ODETTE, UCC/EAN-128 and other compliance labels on demand or in batches.

### Maximum Print Area

Width: 6.6"/168mm  
Length (with standard memory):  
39"/991mm

### Resolution

300dpi/12 dots/mm

### Maximum Print Speed

8"/203mm per second

### Physical Characteristics

Width: 13.15"/334.4mm  
Depth: 19.5"/495mm  
Height: 15.5"/393.7mm  
Weight: 67lbs./30.5kg

### Media Specifications

Label and liner width:  
2"/51mm – 7.1"/180mm  
Ribbon width:  
2"/51mm – 6.7"/170mm



## 2 2 0 X i III

The 220XiIII quickly prints labels up to 8.5 inches wide at 10 inches per second (ips). It is ideal for wide label applications such as printing chemical drum labels, primary metal standard labels, automotive industry labels, banner-sized labels and pallet and container shipping labels.

### Maximum Print Area

Width: 8.5"/216mm  
Length (with standard memory):  
39"/991mm

### Resolution

203dpi/8 dots/mm

### Maximum Print Speed

10"/254mm per second

### Physical Characteristics

Width: 15.65"/397.5mm  
Depth: 19.5"/495mm  
Height: 15.5"/393.7mm  
Weight: 72lbs./32.7kg

### Media Specifications

Label and liner width:  
4.25"/108mm – 8.8"/224mm  
Ribbon width:  
4.25"/108mm – 8.6"/220mm

## Standard Features

- Print methods: Thermal transfer or direct thermal
- Construction: 12-gauge steel frame
- Multilingual backlit LCD display
- PCMCIA socket
- 32-bit RISC and CISC processors
- Transmissive and reflective media sensors

### ZPL II® Programming Language

- Universal language for Zebra printers. Simplifies label formatting and enables compatibility with other Zebra printers.
- ZBI™ (Zebra BASIC Interpreter)—Interprets data streams from peripherals and non-ZPL printer programming languages.

## Operating Characteristics

### Environment

- Operating Temp. (tt) 41°F/5°C–104°F/40°C
- Operating Temp. (dt) 32°F/0°C–104°F/40°C
- Storage/Transport Environ. –40°F/40°C–140°F/60°C
- Operating Humidity 20-85% non-condensing
- Storage Humidity 5-85% non-condensing

### Electrical

- Universal power supply with power-factor correction 90-264 VAC; 48-62 Hz

### Communication Interface Capabilities

- RS-232C/422/485 multi-drop
- Hi-speed, bi-directional, IEEE 1284 parallel interface
- Optional ZebraNet PrintServer II Ethernet Connection

### Agency Approvals

- UL 1950; CISPR 22 (Class B); IEC 950; EN55024; CSA 950; Canadian Doc. (Class A); FCC (Class A); CE compliance

## Media Characteristics

### Labels

- Max. Roll Size
- 8"/203mm O.D. on a 3"/76mm I.D. core

### Thickness (label & liner)

- .003"/.076mm–.012"/.305mm

### Media Type

- Continuous, die-cut or black mark

### Ribbons

- Max. Roll Size
- 3.2"/81.3mm O.D. on a 1"/25.4mm I.D. core

### Standard Lengths

- 1,476/450m or 984/300m; provides 3:1 & 2:1 media roll to ribbon ratios

### Ribbon Set-up

- Ribbon wound coated side out

## Fonts/Graphics/Symbologies

### Character Fonts/Sets

- CHR Fonts: Standard: 7 bitmapped, 1 scalable (CG Triumvirate™ Bold Condensed)
- CHR Sets: IBM® Code Page 850 multilingual character set

### Graphic Features

- Supports user-defined fonts and graphics—including custom logos

### Bar Code Symbologies

- Linear Bar Codes: Code 11, Code 39, Code 93, Code 128 with subsets A/B/C and UCC Case C Codes, ISBT-128, UPC-A, UPC-E, EAN-8, EAN-13, UPC and EAN 2 or 5 digital extensions, Plessey, POSTNET, Standard 2 of 5, Industrial 2 of 5, Interleaved 2 of 5, LOGMARS, MSI, Codabar
- 2-Dimensional: CODABLOCK, PDF-417, Code 49, DataMatrix, Maxi Code, QR Code, RSS Codes, Micro PDF

## Options and Accessories

- ZebraNet PrintServer II
- Rewind
- Bi-fold media door with clear panel
- BMB DRAM expansion
- Advanced media/label counter
- Real time clock with applicator interface
- Label peel
- Cutter (not available on 96XIII)

- Scalable and international fonts
- BMB PC card
- Applicator interface
- IBM Twinax interface
- IBM Coax interface
- BAR-ONE® software
- Media supply spindle for 40mm cores (not available on 220 XIII)

Left

Standard media door with clear panel

Right

Optional bi-fold media door with clear panel



\*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.

### For more information

Contact your Zebra representative for additional printer specifications. For information on Zebra's other printers, supplies, software and accessories, ask your reseller, call +1 800.423.0422, or visit our Web site.

[www.zebra.com](http://www.zebra.com)



Zebra Bar Code Products

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### Other Locations

*United States:* California, Florida, Rhode Island,

Utah, Wisconsin

*Europe:* France, Germany, United Kingdom

*Asia:* Hong Kong, Japan, Seoul, Singapore



FIM-32328

An ISO 9001 registered company



Print high-resolution text and bar code in limited space using the 600dpi 96XIII printer.

