



in association with

Worldmark

Xi™ Series

High Performance Bar Code Printing

**Total and instant
printer management
from any location!**

Meet the XiIII printers — the newest members of Zebra's Xi Series. They are the first 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® XiIII printers' plug-and-print tools enable them to be connected easily to your corporate wired or wireless network. Add in Zebra's renowned rugged reliability, and you've got hard-working printers that are very easy to connect with.



Reliability on demand™

Xi Series



Meet The XiIII™ Family

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

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

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 print-head ensures text, graphics and bar codes always print clearly — essential when label space is limited.

Maximum Print Area

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

Resolution

300dpi/12 dots/mm

Maximum Print Speed

203mm (8") per second

Physical Characteristics

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

Media Specifications

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

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 — labelling electronic components, telecommunication assemblies, computer peripherals, small pharmaceutical packaging, diagnostic research samples and more.

Maximum Print Area

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

Resolution

600dpi/23.5 dots/mm

Maximum Print Speed

102mm (4") per second

Physical Characteristics

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

Media Specifications

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



1 4 0 X i III

The 140XiIII is the fastest printer in Zebra's Xi Series, printing at up to 305mm (12") per second. 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: 128mm (5.04")
Length (with standard memory): 991mm (39")

Resolution

203dpi/8 dots/mm

Maximum Print Speed

305mm (12") per second

Physical Characteristics

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

Media Specifications

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



1 7 0 X i III

The 170XiIII is ideal for AIAG, ODETTE, UCC/EAN-128 and other compliance labelling applications. With 300dpi print resolution, labels up to 180mm (7.1") wide and speeds of 203mm (8") per second, it easily handles compliance labels on demand or in batches. Like all XiIII printers, its rugged steel construction enables it to operate dependably in the harshest environments.

Maximum Print Area

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

Resolution

300dpi/12 dots/mm

Maximum Print Speed

203mm (8") per second

Physical Characteristics

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

Media Specifications

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



2 2 0 X i III

The 220XiIII quickly prints labels up to 224mm (8.8") wide at 254mm (10") per second. 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: 216mm (8.5")
Length (with standard memory): 991mm (39")

Resolution

203dpi/8 dots/mm

Maximum Print Speed

254mm (10") per second

Physical Characteristics

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

Media Specifications

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

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
- Bi-fold media door with clear panel
- Advanced media/label counter
- Real time clock with applicator interface

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

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

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

- IUL 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, UICP-A, UICP-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
- 8MB DRAM expansion
- Label peel
- Cutter (not available on 96XiIII)
- Rigid media door with clear panel
- Media supply spindle for 76mm cores (standard on 96XiIII)

- Scalable and international fonts
- 8MB PC card
- IBM Twinax interface
- IBM Coax interface
- BAR-ONE® software
- Media supply spindle for 40mm cores (not available on 220 XiIII)

Left

Optional rigid media door with clear panel

Right

Standard 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.

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