



Starting at \$2995
(U.S. list)

Zebra® 110XiIIIPlus

High-Performance Bar Code Printer

Get high performance at a tremendous value.

Do you need a printer that can handle mission-critical, 24/7, heavy-industrial demands? With the 110XiIIIPlus, you can step up to the renowned, non-stop reliability of Zebra's Xi printer family without a big leap in price. This model with full four-inch print width comes in a choice of 203-, 300-, or 600-dpi resolution to fit your printing application, be it 4"x 6" compliance shipping labels, or tiny, sharply detailed labels for small components or products.

All the Plusses of an XiIIIPlus

Like every XiIIIPlus, it also offers a 32-bit processor for fast throughput, 16 MB SDRAM of onboard memory for fast "first-label-out" printing, and CompactFlash® for added label format/font storage—plus the most connectivity choices, including XML-enabled printing, ZebraLink™ for remote printer management, ZebraNet® Wireless and 10/100 Print Servers, USB 2.0, serial, and parallel ports. The 110XiIIIPlus can print reduced space symbology (RSS)—perfect for pharmaceutical companies wishing to comply with Federal Drug Administration (FDA) requirements for unit-of-use marking.

The 110XiIIIPlus integrates easily into a variety of industries and printing applications including:

- Life sciences—Small, high-resolution labels for vials and slides; unit-of-use labels for pharmaceutical products and packages; labels for surgical tools and diagnostic kits
- Electronics—Top- and bottom-side circuit board labeling; UL-Recognized/CSA-Accepted serial plate labels printed on demand
- Telecommunications—Product identification labels with company logos and Telecommunications Industry Forum required TLC39 stacked bar codes



Connect with it. Count on it.™

110XiIIIPlus



Specifications at a Glance*

STANDARD FEATURES

Print methods: Thermal transfer and direct thermal
Construction: 12-gauge steel frame
16 MB SDRAM; 4 MB non-volatile Flash memory
ZebraLink connectivity
Single 32 bit 133 Mhz RISC processor
Advanced counters
Early warning system—indicates when to service printhead or change ribbons/media
300 unique darkness settings for print quality
USB 2.0 port for faster connectivity and throughput (plug and play)
Serial and parallel ports
Multilingual backlit LCD control panel
PCMCIA socket
CompactFlash socket
Transmissive and reflective media sensors
Multi-level Element Energy Equalizer (E3*) for superior print quality
Zebra printer driver for Win 95, Win 98, NT 2000

Programming Language

ZPL® II—Universal language for Zebra printers. Simplifies label formatting and enables format compatibility with other Zebra printers.
ZBI™—Controls and interprets text and data from peripherals and non-ZPL printer programming languages. Transmits captured data over LAN, WAN, or wireless network via e-mail or TCP/IP messaging.

OPERATING CHARACTERISTICS

Environment

Operating Temp (tt): 41° F/5° C to 104° F/40° C
Operating Temp (dt): 32° F/0° C to 104° F/40° C
Storage/Transport Environ. -40° F/-40° C to 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

USB 2.0 port (480 M bits/second)
RS-232C/422/485 multi-drop
Hi-speed, bi-directional, IEEE 1284 parallel interface
ZebraNet Wireless Print Server (optional)
ZebraNet 10/100 Print Server (optional)
ZebraNet PrintServer II (optional)

Agency Approvals

Bi-National UL 60950 3rd edition/CSA CAN/CSA-C22.2 No. 60950-00 Third Edition; IEC 950/EN60950:1992 w/amendments 1 thru 4 (CB Scheme); EN55022: 1998 Class B; EN55024: 1998; EN61000-3-2,3 w/amendment A12; Canadian ICES-003, Class B; FCC Class B; Argentina 92/98 Phase 3; Australia AS/NZS 3548; R.O.C. CNS 13438

MEDIA CHARACTERISTICS

Labels

Max. Roll Size: 8"/203 mm O.D. on a 3"/76 mm I.D. core
Thickness (label & liner): 0.003"/0.076 mm to 0.012"/0.305 mm

Media Types

Continuous, die-cut or black mark
For optimum print quality and print engine performance, use Genuine Zebra supplies.

Ribbons

Ribbon is recommended to be at least as wide as media.
Max. Roll Size: 3.2"/81.3 mm O.D. on a 1"/25.4 mm I.D. core
Standard Lengths: 1476'/450 m to 984'/300 m; provides 3:1 and 2:1 media roll to ribbon ratios
Ribbon Setup: Ribbon wound ink side out

FONTS/GRAPHICS/SYMBOLS

Fonts and Character Sets

Bitmap fonts A through H and GS symbols are expandable up to 10 times, height and width independent
Smooth scalable font O (CG Trimvirate™ Bold Condensed) is expandable dot-by-dot, height and width independent
Sets: IBM Code Page 850 International Characters

Graphic Features

Supports user-defined fonts and graphics—including custom logos

Bar Code Symbolologies

Linear Bar Codes: Code 11, Code 39, Code 93, Code 128 with subsets A/B/C and UCC Case Codes, ISBT-128, UPC-A, UPC-E, EAN-8, EAN-13, UPC and EAN 2- of 5-digit extensions, Plessey; Postnet, Standard 2 of 5, Industrial 2 of 5, Interleaved 2 of 5, LOGMARS, MSI, Codabar and Planet code
2-Dimensional: Codablock, PDF-417, Code 49, Data Matrix, Maxi Code, QR Code TLC 39, and RSS code

OPTIONS AND ACCESSORIES

XML-enabled printing
ZebraNet Wireless Print Server
ZebraNet 10/100 Print Server
ZebraNet PrintServer II
Rewind
Cutter
Bi-fold media door with clear panel
Label peel
Media supply spindle for 40 mm cores
Scalable and international fonts
PC cards
CompactFlash (CF) card
Applicator interface
IBM twinax interface
IBM coax interface
BAR-ONE® 6.04 software

The affordably priced 110XiIIIPlus can handle your most extreme printing demands.

MAXIMUM PRINT AREA

Width:
203 dpi: 4.09"/104 mm
300 dpi: 4.09"/104 mm
600 dpi: 3.2"/81 mm
Length: 39"/991 mm

RESOLUTION

203 dpi/8 dots per mm
300 dpi/12 dots per mm
600 dpi/23.5 dots per mm

MAXIMUM PRINT SPEED

203 dpi: 10"/254 mm per second
300 dpi: 8"/203 mm per second
600 dpi: 4"/102 mm per second

MEMORY

16 MB SDRAM; 4 MB non-volatile Flash memory

PHYSICAL CHARACTERISTICS

Width: 10.37"/263.5 mm
Depth: 19.5"/495.3 mm
Height: 15.5"/393.7 mm
Weight: 50 lbs./22.7 kg

MEDIA SPECIFICATIONS

Label and liner width:
0.79"/20 mm to 4.5"/114 mm

RIBBON WIDTH:

0.79"/20 mm to 4.33"/110 mm

*Specifications subject to change without notice.
©2004 ZIH Corp. ZebraLink, ZBI and all product names and numbers are Zebra trademarks, and Zebra, the Zebra logo, ZebraNet, ZPL and BAR-ONE are registered trademarks of ZIH Corp. All rights reserved. CompactFlash is a registered trademark of SanDisk Corporation. All other trademarks are the property of their respective owners.

HEADQUARTERS Zebra Technologies International, LLC **T:** +1 847 793 2600 or +1 800 423 0442 **F:** +1 847 913 8766
ADDRESS: 333 Corporate Woods Parkway, Vernon Hills, IL 60061-3109 U.S.A. **WEB:** www.zebra.com

OTHER LOCATIONS **USA:** California, Florida, Rhode Island, Wisconsin **EUROPE:** Denmark, France, Germany, Italy, South Africa, United Kingdom **ASIA-PACIFIC:** Australia, China, Japan, Singapore, South Korea **LATIN AMERICA:** Argentina, Brazil, Mexico **MIDDLE EAST:** United Arab Emirates



An ISO 9001 registered company
©2004 ZIH Corp.
Printed in U.S.A.
#13186L Rev. 3P (6/04) 5M