



# 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 new 110XiIIIPlus, you can step up to the renowned, non-stop reliability of Zebra's Xi™ printer family without a big leap in price. This new 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.

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

## 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 ZebraLink™ for remote printer management, ZebraNet™ Wireless Card Socket, and 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.



Connect with it. Count on it.™

# 110XIIIPlus™



## 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® PrinterServer II (optional)  
ZebraNet Wireless Card Socket (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/SYMBOLOLOGIES

#### 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

ZebraNet PrintServer II  
ZebraNet Wireless Card Socket  
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® software

The affordably priced 110XIIIPlus 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 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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