Zebra® 110*Xi*III*Plus*™

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 110*Xi*III*Plus*, 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.

All the Plusses of an *Xi*III*Plus*

Like every *Xi*III*Plus*, 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 110*Xi*III*Plus* 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 110*Xi*III*Plus* 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

Zebra

Connect with it. Count on it.™

110*XiIIIPlus*™

The affordably priced 110*XiIIIPlus* 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 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): 41º F/5º C to 104º F/40º C
Operating Temp (dt): 32º F/0º C to 104º F/40º C
Storage/Transport Environ. -40º F/-40º C to 140º F/60º 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 last 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/SYMBOLOGIES

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 Symbologies
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