

# Trade Scales Limited

## Thermal Label Printing Solutions

### Zebra XI Series

#### Features

XiIIIPlus printers from Zebra offer revolutionary features including:

- 32 bit 133 MHz RISC processor for faster throughput and processing
- Increased 16 MB SDRAM memory for printing longer label formats
- CompactFlash® (up to 256 MB memory) for added label format/font storage
- 4 MB non-volatile Flash memory
- Early service warning for printhead maintenance and ribbon/media changes
- 300 distinct darkness settings—for fine-tuning print quality

Providing superior performance, longevity, and solid value, the Xi series offers rugged durability, dependability, and unparalleled reliability in high-volume, mission-critical and specialty labelling solutions. These printers ensure investment protection by offering more standard features and total options than competitive printers: 203-, 300-, and 600-dpi resolution for paper, synthetic, and specialty stocks; 4-, 5.5-, 6-, and 8-inch print widths; super-quick processors for fast throughput and processing; and plenty of memory for more label formats, graphics, fonts, and data. XiIIIPlus™ printers also offer more connectivity and control options with XML-Enabled printing and advanced management capabilities for real-time monitoring of Zebra printers and ZebraNet® wireless and wired print servers.

Zebra's Xi series is known for its proven performance. With more standard features and more resolution and connectivity options, plus industry-leading Zebra service and support, it would be hard to find a bar code labelling need that the XiIIIPlus printers couldn't meet or exceed.



#### Specifications

Model	110XiIII Plus	140XiIII Plus	170XiIII Plus	220XiIII Plus
Max. Print Area (standard memory)	Width: 203 dpi: 4.09"/104 mm 300 dpi: 4.09"/104 mm 600 dpi: 3.2"/81 mm Length: 39"/991 mm	Width: 5.04"/128mm Length (with standard memory): 39"/991mm	Width: 6.6"/168mm Length (with standard memory): 39"/991mm	Width: 8.5"/216mm Length (with standard memory): 39"/991mm

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## Specifications (Cont'd)

<b>Max Print Speed</b>	203 dpi: 10"/254 mm per second 300 dpi: 8"/203 mm per second 600 dpi: 4"/102 mm per second	12"/305mm per second	8"/203mm per second	10"/254mm per second
<b>Physical Characteristics</b>	Width: 10.37"/263.5 mm Depth: 19.5"/495.3 mm Height: 15.5"/393.7 mm Weight: 50 lbs./22.7 kg	Width: 11.15"/283.2mm Depth: 19.5"/495mm Height: 15.5"/393.7mm Weight: 55lbs./25kg	Width: 13.15"/334.4mm Depth: 19.5"/495mm Height: 15.5"/393.7mm Weight: 67lbs./30.5kg	Width: 15.65"/397.5mm Depth: 19.5"/495mm Height: 15.5"/393.7mm Weight: 72lbs./32.7kg
<b>Resolution</b>	203 dpi/8 dots per mm 300 dpi/12 dots per mm 600 dpi/23.5 dots per mm	203dpi/8dots per mm	300dpi/12dots per mm	203dpi/8dots per mm
<b>Label and Liner Widths</b>	0.79"/20 mm to 4.5"/114 mm	1.57"/40mm to 5.51"/140mm	2"/51mm to 7.1"/180mm	4.25"/108mm to 8.8"/224mm
<b>Ribbon Width</b>	0.79"/20 mm to 4.33"/110 mm	1.57"/40mm to 5.1"/130mm	2"/51mm to 6.7"/170mm	4.25"/108mm to 8.6"/220mm
<b>Print Methods</b>	Thermal Transfer / Direct Thermal			
<b>Construction</b>	12-gauge steel frame			
<b>Programming Language</b>	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.			
<b>Environment</b>	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			
<b>Electrical</b>	Universal power supply with power-factor correction 90–264 VAC; 48–62 Hz			
<b>Interface Capabilities</b>	USB 2.0 port (480M bits/second) RS-232C/422/485 multi-drop Hi-speed, bi-directional, IEEE 1284 parallel interface ZebraNet® PrintServer II (optional) ZebraNet Wireless Card Socket (optional)			
<b>Label Max. Roll Size</b>	Max. Roll Size: 8"/203mm O.D. on a 3"/76mm I.D. core			
<b>Label Thickness (+ liner)</b>	.003"/.076mm to .012"/.305mm			
<b>Media Types</b>	Continuous, die-cut or black mark			
<b>Ribbon Max. Roll Size</b>	3.2"/81.3mm O.D. on a 1"/25.4mm I.D. core			
<b>Ribbon Standard Length</b>	1,476'/450m or 984'/300m; provides 3:1 & 2:1 media roll to ribbon ratios			

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## Specifications (Cont'd)

<b>Ribbon Setup</b>	Ribbon wound ink side out. Ribbon is recommended to be at least as wide as media.
<b>Agency Approvals</b>	Bi-National UL 60950 Third Edition/CSA CAN/CSA-C22.2 No. 60950-00 Third Edition; IEC 950/EN60950: 1992 w/amendments 1 through 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
<b>Fonts &amp; Character Sets</b>	Standard Fonts: 7 bitmapped, 1 smooth scalable (CG Triumvirate™ Bold Condensed) Sets: IBM® Code Page 850 International character set
<b>Graphic Features</b>	Supports user-defined fonts and graphics—including custom logos
<b>Bar Code Symbolologies</b>	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, Planet Code 2-Dimensional: Codablock, PDF-417, Code 49, DataMatrix, Maxi Code, QR Code, Micro PDF-417, TLC 39

### Zebra XI Series Standard Features:

- New processor for increased throughput and processing speeds
- 16 MB SDRAM; 4 MB non-volatile Flash memory
- 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
- Unicode™ compliant
- XML-Enabled printing—direct-connect integration for bar code label printing; eliminates license fees and print server hardware and lowers customization and programming costs

### Zebra XI Series Options & Accessories:

- Rewind
- Cutter (now available on all XiIIIPlus printers)
- Bi-fold media door with clear panel
- Label peel
- Media supply spindle for 40 mm cores (not available on 220XiIIIPlus)
- Scalable and international fonts
- PC cards
- CompactFlash (CF) card (not supported with ZebraNet Wireless Plus)
- Applicator interface
- 64 MB On-Board Linear Flash Memory