Zebra® *Xi™* series

Incredibly robust. Totally reliable. Extremely fast.

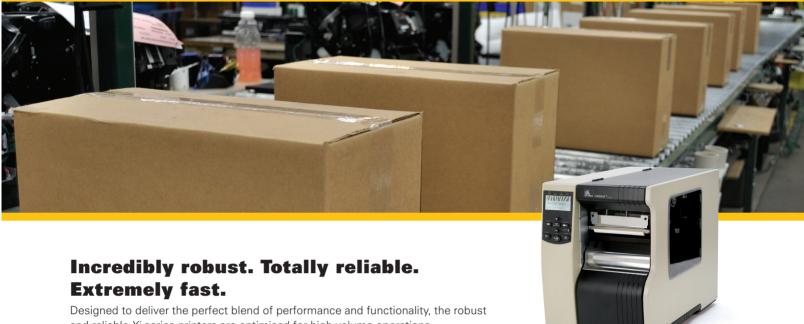Designed to deliver the perfect blend of performance and functionality, the robust and reliable *Xi* series printers are optimised for high-volume operations.

Zebra *Xi* series printers are legendary for their durability, outstanding print quality, fast throughput, long life and unparalleled reliability in demanding applications. These qualities translate into low total cost of ownership – making them an ideal smart investment for businesses with high-volume, mission-critical and speciality labelling applications.

Xi4™ printers build on this legacy to boost operational productivity beyond previous *Xi* generations with faster print speeds on selected models, dependable print quality and enhanced early-warning systems.

Versatile connectivity options plus remote printer deployment/management via ZebraLink™ Solutions ensure that integration is now even easier.

Enhanced Xi4 printers feature:

- Dependable print quality – on-board diagnostics to ensure optimum print quality
- Faster print speeds – up to 356mm per second (110Xi4™ and 140Xi4™) for increased batch and print/apply productivity
- Large easy-to-read front panel with LCD content and navigation customisable to meet user needs
- Fast 10/100 Ethernet connectivity as standard
- Improved ribbon- and media-low LCD/network alerts
- RFID-upgrade-ready (110Xi4)

Ideal for:

Manufacturing
- Work-in-progress labelling
- Asset management
- Inventory management
- Product-identification labelling
- Compliance labelling

Transport and logistics
- Receiving and shipping labels
- Asset-tracking labels

Government and public sector
- Military logistics

Get the most out of your Zebra: put genuine Zebra supplies in!

Zebra offers a wide range of supplies for *Xi* printers, all made to a high standard and suitable for a variety of applications.

- Manufactured exclusively for Zebra printers
- Laboratory-tested for optimum performance
- Proven to minimise wear and tear on printheads

▶ **For more information, visit www.zebra.com**

Xi series printers and accessories

Meet the Xi4 family!

Xi4 printers offer superior ZebraLink Solutions, including:

Software
- ZebraDesigner™ Pro – An intuitive, easy-to-use software program that makes creating complex label designs and changing label format simple
- ZebraDesigner – Offers basic design features focused on delivering an easy-to-use label design application
- ZebraNet™ Bridge Enterprise – Centrally manage Zebra printers from a single PC screen anywhere on your global network
- ZebraNet Utilities v 7.0 – Provides enhanced printing, conversion and administration capabilities, message management and more
- Zebra Universal Driver – The most powerful driver available from Zebra
- ZBI-Developer™ – Intuitive programming utility used to create, test and distribute ZBI™ applications

Networking
- ZebraNet® Wireless Plus Print Server – Delivers wireless security and new wireless capabilities
- ZebraNet 10/100 Print Server – Available in an internal or external version that provides a complete wired solution for 10Base-T, 100Base-TX and Fast Ethernet 10/100 auto-switching networks

Firmware
- ZPL II® – Universal language for Zebra printers simplifies label formatting and enables format compatibility with other Zebra printers
- XML-enabled printing – Direct-connect integration for bar-code-label printing that eliminates licence fees and printer server hardware, and lowers customisation and programming costs
- Web View – Enables you to connect and control your bar code printer's Web interface using a common Web browser
- Alert – Printers equipped with ZebraNet print servers will notify you via any e-mail-enabled wired or wireless device to minimise downtime
- ZBI – Optional, powerful programming enhancement that lets printers run stand-alone applications, connect to peripherals, and much more

110Xi4 – 203/300dpi

The 110Xi4, with 203- or 300dpi printhead, prints up to four inches wide, making it ideal for shipping, warehousing and manufacturing. For crisp, high-quality printing on small product labels, order the 110Xi4 with 300dpi printhead.

Technical specifications*

Maximum print area
Width: 102mm (4")
Length: 991mm (39")

Resolution
8 dots/mm (203dpi)
12 dots/mm (300dpi)

Maximum print speed
203dpi: 356mm (14") per second
300dpi: 305mm (12") per second

Physical characteristics
Width: 261.9mm (10.31")
Depth: 517.5mm (20.38")
Height: 393.7mm (15.5")
Weight: 22.7kg (50lb)

Media specifications
Label and liner width: 20mm (0.79") to 114mm (4.5")
Ribbon width: 20mm (0.79") to 110mm (4.33")

RFID upgrade-ready
The 110Xi4 printer has an RFID-ready option that allows you to upgrade to RFID technology in the future. Upgrade kit for UHF EPC Gen 2, Class 1-compliant. RFID enablement coming soon.

110Xi4 – 600dpi

110Xi4 with 600dpi printhead is unmatched at printing precise bar codes, text and graphics in limited label space. This printer is ideal when you require extremely high resolution and density – for labelling electronic components, telecommunication assemblies, medical devices, pharmaceutical vials, and more.

Technical specifications*

Maximum print area
Width: 102mm (4")
Length: 991mm (39")

Resolution
23.5 dots/mm (600dpi)

Maximum print speed
152mm (6") per second

Physical characteristics
Width: 261.9mm (10.31")
Depth: 517.5mm (20.38")
Height: 393.7mm (15.5")
Weight: 22.7kg (50lb)

Media specifications
Label and liner width: 20mm (0.79") to 114mm (4.5")
Ribbon width: 20mm (0.79") to 110mm (4.33")

* Specifications subject to change without notice.

140Xi4

The 140Xi4 is one of the fastest printers in Zebra's *Xi* series, printing at up to 355mm (14") 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 140Xi4 is also well suited for applications in which labels are required quickly, either on demand or in batches.

Technical specifications*

Maximum print area
Width: 128mm (5.04")
Length: 991mm (39")

Resolution
8 dots/mm (203dpi)

Maximum print speed
356mm (14") per second

Physical characteristics
Width: 287.3mm (11.31")
Depth: 517.5mm (20.38")
Height: 393.7mm (15.5")
Weight: 25kg (55lb)

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

170Xi4™

The 170Xi4 is ideal for AIAG, ODETTE, UCC/EAN-128 and other compliance labels on demand or in batches. With 203- and 300dpi print resolution, it can print labels up to 168mm (6.6") wide at speeds of up to 305mm (12") per second. Like all Xi4 printers, its rugged steel construction enables it to operate dependably in the harshest environments.

Technical specifications*

Maximum print area
Width: 168mm (6.6")
Length: 991mm (39")

Resolution
8 dots/mm (203dpi)
12 dots/mm (300dpi)

Maximum print speed
203dpi: 305mm (12") per second
300dpi: 203mm (8") per second

Physical characteristics
Width: 338.1mm (13.31")
Depth: 517.5mm (20.38")
Height: 393.7mm (15.5")
Weight: 30.5kg (67lb)

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

220Xi4™

The 220Xi4 quickly prints labels up to 216mm (8.5") wide at 254mm (10") per second. It is ideal for wide-label applications such as chemical drum labels, primary metal standard labels, automotive industry labels, banner-sized labels and pallet and container shipping labels. Choose the 300dpi version where high-density graphics or small fonts are required.

Technical specifications*

Maximum print area
Width: 216mm (8.5")
Length: 991mm (39")

Resolution
8 dots/mm (203dpi)
12 dots/mm (300dpi)

Maximum print speed
203dpi: 254mm (10") per second
300dpi: 152mm (6") per second

Physical characteristics
Width: 397.5mm (15.65")
Depth: 495mm (19.5")
Height: 393.7mm (15.5")
Weight: 32.7kg (72lb)

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

Standard features

- Dependable print quality – on-board diagnostics ensure optimum print quality
- Print methods: Thermal-transfer or direct-thermal
- Construction: 12-gauge steel frame
- ZebraLink
- ZebraNet 10/100 Print Server
- USB 2.0 port for faster connectivity and throughput (plug and play)
- Serial and parallel ports
- Large easy-to-read front panel with multilingual back-lit LCD display
- Transmissive and reflective media sensors
- Bi-fold media door with clear panel
- Advanced counters
- 16MB SDRAM; standard 8MB non-volatile flash memory, optional 64MB
- Improved ribbon- and media-low LCD/network alerts
- 300 discrete darkness settings for print quality
- Real-time clock
- Multi-level Element Energy Equalizer™ (E³™) for superior print quality
- ZPL II – Universal language for Zebra printers
- RFID-upgrade-ready (110Xi4 only)

Media characteristics

Labels

Max. roll size
- 203mm (8") O.D. on a 76mm (3") I.D. core

Thickness (label & liner)
- 0.076mm (0.003") to 0.305mm (0.012")

Media type
- Continuous fanfold, die-cut or black mark

For optimum print quality and printer performance, use genuine Zebra Supplies.

Ribbons

Ribbon is recommended to be at least as wide as media.

Max. roll size
- 81.3mm (3.2") O.D. on a 25.4mm (1") I.D. core

Standard lengths
- 450m (1,476') or 300m (984'); provides 3:1 and 2:1 media roll-to-ribbon ratios

Ribbon setup
- Ribbon wound ink-side out

Operating characteristics

Environment
- Operating temp. (TT): 5°C (41°F) to 40°C (104°F)
- Operating temp. (DT): 0°C (32°F) to 40°C (104°F)
- Storage/Transport environ. -40°C (40°F) to 60°C (140°F)
- Operating humidity: 20 to 85% non-condensing
- Storage humidity: 5 to 85% non-condensing

Electrical
- Universal power supply with power-factor correction 90–264VAC; 48–62Hz

Communication interface capabilities
- USB 2.0 port (480Mbits/second)
- RS-232C/422/485 multi-drop
- Hi-speed, bi-directional, IEEE 1284 parallel interface

Agency approvals
- Bi-National UL 60950 Third Edition/CSA CAN/CSA-C22.2 No. 60950-00 Third Edition; IEC 950/EN 60950: 1992 w/amendments 1 to 4 (CB Scheme); EN 55022: 1998 Class B; EN 55024: 1998; EN 61000-3-2, 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; BSMI; CCC

Options and accessories

- Rewind
- Label peel
- Cutter
- Media supply spindle for 75mm cores (standard on 110Xi 4 – 600dpi)
- Scalable and international fonts
- Applicator interface

ZebraLink Solutions

Software
- ZebraDesigner Pro
- ZebraDesigner
- ZebraNet Bridge Enterprise
- ZebraNet Utilities v 7.0
- ZBI-Developer

Networking
- ZebraNet Wireless Plus Print Server
- ZebraNet 10/100 Print Server
- IBM® twinax/coax interface

Firmware

- ZPL II (standard)
- XML-enabled
- Web View
- Alert
- ZBI

Fonts and graphics

Fonts and character sets
- Standard fonts: 7 bitmapped, 1 smooth-scalable (CG Triumvirate™ Bold Condensed) Contains UFST® from Agfa Monotype Corporation
- Pre-loaded Unicode™-compliant scalable fonts for EMEA character sets
- Sets: IBM Code Page 850 International character set

Graphics features
- Supports user-defined fonts and graphics – including custom logos
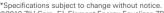
Bar code symbologies

- Linear bar codes: Codabar, Code 11, Code 39, Code 93, Code 128 with subsets A/B/C and UCC Case C Codes, EAN-8, EAN-13, Industrial 2 of 5, Interleaved 2 of 5, ISBT-128, Logmars, MSI, Planet Code, Plessey, Postnet, Standard 2 of 5, UPC-A, UPC-E, UPC and EAN 2 or 5 digital extensions
- Two-dimensional: Codablock, Code 49, Data Matrix, GS1 DataBar (RSS), MaxiCode, MicroPDF417, PDF417, QR Code, TLC 39

Thinking about mobilising your workforce?

The use of mobile printers in a warehouse or supply-chain environment improves productivity and provides a fast return on investment.

▶ **To find out how your business could benefit from a Zebra mobile-printing solution, please visit www.zebra.com, call +44 (0)1628 556000 or e-mail mseurope@zebra.com**

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