# Zebra® ZT200™ series

ZEBRA TECHNOLOGIES

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## Designed with the user in mind

Zebra incorporated extensive customer feedback, as well as the legacy of its Stripe® and S4M™ printers, to create the new ZT200 series printers, which feature elegant space-saving design, effortless setup, intuitive user operation, and ease of service and maintenance.

Whether you are adopting barcode technology for the first time or upgrading existing printer models, the ZT200 series is the right choice for a variety of labelling applications. These innovative new printers provide many user benefits.

The ZT200 series offers a streamlined design and smaller footprint that takes up less physical space than the Stripe and S4M models. ZT200 series printers require minimal operator training and benefit from tool-less standard component maintenance and a durable design to minimise service. Your IT staff will appreciate the backwards compatibility, since it allows for new printers to be up and running with minimal downtime.

The ZT200 series has been designed for ease of use, versatility and outstanding value.

## Ideal for:

- **Manufacturing**
  - Work-in-process
  - Product ID/serial numbers
  - Packaging labels
  - Receiving/put-away labelling
- **Transportation/Logistics**
  - Order picking/packing
  - Shipping/Receiving
  - Cross-docking
  - Compliance labelling
- **Healthcare**
  - Orders
  - Specimen labels
  - Asset-tracking
  - Unit-of-use labelling
- **Retail**
  - Shelf labelling
  - Shipping
  - Returns
  - Item tags
- **Government**
  - Asset-tracking
  - Logistic labelling
  - Warehousing




**The ZT200 series design is the culmination of extensive feedback from our customers and understanding their printing applications, evolving business needs and operational challenges.**

## Space-saving design

- Compact footprint and streamlined design fits easily in confined areas where space is at a premium
- Elegant space-saving design with unique bi-fold door (requires 102mm/4" of opening space) fits easily into tight spaces, maximising work space

## Fast installation and integration

- Ideal replacement printer for older Stripe and S4M models
- Multiple connectivity options: parallel, 10/100 Ethernet, 802.11b/g/n wireless
- Icon-based status LEDs provide immediate and easily visible printer status

## Intuitive, effortless media loading

- Side-loading design eliminates complicated threading of supplies
- Colour-coded cues give even first-time users visual guidance for loading ribbon and media
- Illuminated moveable sensor is visible through the media for trouble-free sensor-position adjustment

**The ZT200 series offers outstanding performance and features not usually found in a printer this affordable.**

## Print quality

- Engineered for greater print precision with fine-tuned adjustments
- Crisp, clean text and barcodes – even on narrow media

## Zebra reliability and durability

- Built for light industrial and commercial environments
- Energy Star®-compliant
- Drive system designed for optimal performance, with minimal maintenance required

## Simplified serviceability

- Easy, tool-less platen and printhead removal enable simple cleaning and replacement
- Simple interchangeable connectivity options enable rapid printer changes and upgrade
- Only three common tools needed for basic service

# Comparing the ZT220™ and the ZT230™ models

**The ZT200 series offers two models – the ZT220 and the ZT230. Compare the features to see which printer best suits your needs.**

## ZT230

- Rugged all-metal case for long-lasting use
- 450m ribbon capacity for increased uptime and fewer ribbon changes
- Graphical user interface printer setup and control
- Ideally suited for barcode-labelling applications that require more frequent label changes

## ZT220

- Zebra's most affordable table-top printer
- Durable high-impact polymer case for long-lasting use
- 300m ribbon capacity
- Simple single-use three-button user interface
- Ideally suited for barcode-labelling applications with infrequent label changes

## ZebraCare™ Services

Increase printer uptime and reduce lost productivity and unbudgeted repair costs by selecting a ZebraCare service agreement. A cost-effective means of planning and budgeting for your annual maintenance expenditures, your agreement ensures that trained Zebra technicians will bring your printer back to factory specifications. Zebra offers a variety of plans to fit your budget and business needs.

## ZebraLink™ software

The ZebraLink suite of software and tools makes it simple to design, manage and adapt a print solution tailored to meet your unique business needs. Each solution component is designed to maximise ease of use and integration. With ZebraLink, you'll get more performance, value and power out of your ZT200 printers with minimal IT attention or process disruptions.

## Genuine Zebra supplies

Zebra offers a wide range of supplies for your ZT200 series 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**



# Specifications at a glance*

## Standard features

- Print methods: direct-thermal or thermal-transfer (optional)
- Construction: metal frame with choice of metal (ZT230) or plastic (ZT220) media cover
- Bi-fold media door with large clear window
- Side-loading supplies path for simplified media and ribbon loading
- Element Energy Equalizer™ (E³™) for superior print quality
- Bi-colour LEDs for quick printer status
- Icon-based LCD multilingual graphical user interface and full function keypad (ZT230)
- Simple keypad (ZT220)
- USB 2.0 and RS-232 serial ports
- Energy Star-compliant

## Printer specifications

**Resolution**
- 8 dots per mm/203dpi
- 12 dots per mm/300dpi (optional)

**Memory**
- Standard: 128MB flash (58MB user-available), 128MB DRAM

**Print width**
- 104mm/4.09"

**Print speed**
- 152mm/6" per second

**Media sensors**
- Transmissive and reflective sensors

**Media characteristics**
- Maximum label and liner width: 114mm/4.5"
- Maximum non-continuous label length: 991mm/39"

**Media width**
- 19.4mm/0.75" to 114mm/4.50"

**Print length**
- 203dpi: 3,988mm/157"
- 300dpi: 1,854mm/73"

**Maximum media roll size**
- 203mm/8.0" O.D on a 76mm/3.0" I.D. core
- 152mm/6.0" O.D. on a 25mm/1.0" I.D. core

**Media thickness**
- 0.076mm/0.003" to 0.25mm/0.010"

**Media types**
- Continuous, die-cut, notch, black-mark

## Ribbon characteristics

(Thermal-transfer option only)

**Outside diameter**
- 81.3mm/3.2" on a 25mm/1.0" I.D. core (ZT230)

**Standard length**
- 300m/984' (ZT220) or 450m/1,476' (ZT230)

**Ratio**
- 2:1 media-roll-to-ribbon ratio for ZT220
- 3:1 media-roll-to-ribbon ratio for ZT230

**Width**
- 40mm/1.57" to 110mm/4.33"

**Ribbon setup**
- Ribbon wound ink-side out, core to core

## Operating characteristics

**Environmental**
- Operating temperature: 5°C to 40°C (thermal-transfer) and 0°C to 40°C (direct-thermal)
- Storage temperature: -40°C to 60°C
- Operating humidity: 20% to 85% non-condensing
- Storage humidity: 5% to 85% non-condensing

**Electrical**
- Universal auto-ranging (PFC-compliant) power supply 90–265VAC; 48–62Hz
- Energy Star-compliant

**Agency approvals**
- IEC 60950, EN 55022 Class B, EN 55024, EN 61000-3-2, EN 61000-3-3
- Markings: UL, CE Marking, FCC-B, ICES-003, VCCI, C-Tick, NOM, IRAM, CCC, GOST-R

## Physical characteristics (ZT220 closed)

- Width: 239mm/9.4"
- Height: 280mm/11"
- Depth: 432mm/17"
- Weight: 7.8kg/17lb

## Physical characteristics (ZT230 closed)

- Width: 242mm/9.5"
- Height: 277mm/10.9"
- Depth: 432mm/17"
- Weight: 9.1kg/20lb

## Options and accessories

- Peel – a front-mount, passive-peel with no take-up spindle
- Peel – a front-mount, passive-peel with liner take-up spindle (factory-fit only)
- Cutter – a front-mount guillotine cutter
- Real-time clock (RTC)
- Keyboard display unit (KDU)

## ZebraLink Solutions

**Optional software**
- ZebraDesigner™ Pro
- ZebraNet™ Bridge Enterprise
- ZebraNet Setup Utilities v 7.0
- ZBI 2.0™ ZBI-Developer™

## Optional connectivity

- ZebraNet® b/g/n Wireless Print Server (internal)
- ZebraNet 10/100 PrintServer (internal or external)
- Centronics® parallel port (internal)

## Firmware

- ZPL II®
- Zebra Global Printing Solution
- EPL2™ (late 2012)
- Web View & Alert
- ZBI 2.0 (optional)

## Barcode symbologies

- **Linear barcodes:** 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 with 2 or 5 digit extensions, Plessey, Postnet, Standard 2-of-5, Industrial 2-of-5, Interleaved 2-of-5, Logmars, MSI, Codabar, Planet Code
- **2-Dimensional:** Aztec, Codablock, PDF417, Code 49, Data Matrix, MaxiCode, QR Code, MicroPDF417, TLC 39, RSS-14 (and composite)

## Fonts and graphics

- 7 bitmapped, 1 smooth-scalable (CG Triumvirate™ Bold Condensed). Contains UFST® from Agfa Monotype
- Pre-loaded Unicode™-compliant scalable fonts for EMEA character sets
- International character sets supporting the following code page: IBM® Code Page 850
- Supports user-defined fonts and graphics, including custom logos
- ZPL II drawing commands including boxes and lines

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

*Specifications subject to change without notice.

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