



# Zebra® ZT200™ Series



SEE MORE. DO MORE.



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 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 labeling applications. This innovative new printer provides 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 minimize service. Your IT staff will appreciate the backwards compatibility, since it allows for new printers to be up and running with minimal time and effort.

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

## Ideal for These Applications

**Manufacturing** / work-in-process, product ID/serial numbers, packaging labels, receiving/put-away labeling

**Transportation & Logistics** / order picking/packing, shipping/receiving, cross-docking, compliance labeling

**Healthcare** / orders, specimen labels, asset-tracking, unit-of-use labeling

**Retail** / shelf-labeling, shipping, returns, item tags

**Government** / asset-tracking, logistics labeling, warehousing

# YOU SPOKE. WE LISTENED.

## ZT200 SERIES PRINTER BENEFITS— DESIGNED WITH YOU IN MIND.

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The ZT200 series design is the culmination of extensive feedback from our customers and understanding their printing applications, evolving business needs and operational challenges. The ZT200 series offers outstanding performance and features not usually found in a printer this affordable.

### Space-Saving Design

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

### Fast Installation and Integration

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

### Intuitive, Effortless Media Loading

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- Side-loading design eliminates complicated threading of supplies
- Color-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

### Print Quality

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

### Zebra Reliability and Durability

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

### Simplified Serviceability

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- 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



### Genuine Zebra™ Supplies

Zebra is one of the largest thermal supplies manufacturers in North America. Our four manufacturing locations provide convenient shipping throughout North America.



Zebra provides high-quality supplies solutions for virtually any application:

- The largest selection of pre-tested, labels, tags and ribbons for your ZT200 printer.
- Ability to create custom labels in any size with pre-printed text, graphics and logos.
- Supplies extensively tested to insure print quality, chemical resistance and adhesive strength.
- ISO 9001:2008 certified

# COMPARING THE ZT220™ AND THE ZT230™



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

 <b>ZT230</b>	 <b>ZT220</b>
<ul style="list-style-type: none"><li>• S4M replacement that easily integrates into your environment</li></ul>	<ul style="list-style-type: none"><li>• Zebra's most affordable tabletop printer</li></ul>
<ul style="list-style-type: none"><li>• Rugged all-metal case for long-lasting use</li></ul>	<ul style="list-style-type: none"><li>• Durable high-impact polymer case for long-lasting use</li></ul>
<ul style="list-style-type: none"><li>• 450 m/1476' ribbon capacity for increased uptime and fewer ribbon changes</li></ul>	<ul style="list-style-type: none"><li>• 300 m/984' ribbon capacity</li></ul>
<ul style="list-style-type: none"><li>• Graphical user interface for easy printer setup and control</li></ul>	<ul style="list-style-type: none"><li>• Simple single-use three-button user interface</li></ul>
<ul style="list-style-type: none"><li>• Ideally suited for barcode labeling applications requiring more frequent format or printer setting changes through use of the intuitive user interface</li></ul>	<ul style="list-style-type: none"><li>• Ideally suited for barcode labeling applications where minimal format or printer setting changes are required</li></ul>

## 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 maximize ease of use and integration. With ZebraLink, you'll get more performance, value and power out of your ZT series printers with minimal IT attention or process disruptions.

# SPECIFICATIONS AT A GLANCE\*

## Printer Name

ZT220  
ZT230

## 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-color 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

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

### Memory

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

### Print width

4.09"/104 mm

### Print speed

6"/152 mm per second

### Media sensors

Transmissive and reflective sensors

### Media characteristics

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

### Media width

0.75"/19.4 mm to 4.50"/114 mm

### Print length

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

### Maximum media roll size

- 8.0"/203 mm O.D on a 3.0"/76 mm I.D. core
- 6.0"/152 mm O.D. on a 1.0"/25 mm I.D. core

### Media thickness

0.003"/0.076 mm to 0.010"/0.25 mm

### Media types

Continuous, die-cut, notch, black mark

## Ribbon characteristics

(Thermal-transfer option only)

### Outside diameter

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

### Standard length

300 m/984' (ZT220) or 450 m/1,476' (ZT230)

### Ratio

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

### Width

1.57"/40 mm to 4.33"/110 mm

### Ribbon setup

Ribbon wound ink-side out, core to core

## Operating characteristics

### Environmental

- Operating Temperature: 40° F/5° C to 105° F/40° C (Thermal Transfer) 32° F/0° C to 105° F/40° C (Direct Thermal)
- Storage/Transport Environment: -40° F/-40° C to 140° F/60° C
- Operating humidity: 20% to 85% non-condensing
- Storage humidity: 5% to 85% non-condensing

### Electrical

- Universal auto-ranging (PFC-compliant) power supply 100-240 VAC; 47-63 Hz
- Energy Star-compliant

### Agency approvals

- IEC 60950, EN 55022 Class B, EN 55024, EN 61000-3-2, EN 61000-3-3
- cTUVus, CE Marking, FCC-B, ICES-003, VCCI, C-Tick, NOM, S Mark, CCC, GOST-R, KCC, BSMI, UkrSepro

## Physical Characteristics

	ZT220 closed	ZT230 closed
Width:	9.4"/239 mm	9.5"/242 mm
Height:	11"/280 mm	10.9"/277 mm
Depth:	17"/432 mm	17"/432 mm
Weight:	17 lbs/7.8 kg	20 lbs/9.1 kg

## 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® a/b/g/n Print Server (internal)
- ZebraNet® 10/100 Print Server (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.



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