



Zebra® ZT200™ Series



SEE MORE. DO MORE.



Zebra's most affordable industrial printers, the ZT200 Series, incorporate extensive customer feedback and the learnings from legacy printers—creating innovative printers with a space-saving design. Featuring Zebra's Link-OS® environment, the ZT200 Series provides users with effortless setup, intuitive operation and ease of service and maintenance.

Whether you are adopting barcode

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

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.

YOU SPOKE. WE LISTENED.

ZT200 SERIES PRINTER BENEFITS— DESIGNED WITH YOU IN MIND.

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 functionality and features at an exceptional value.

Space-Saving Design

- 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

- 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
- Virtual Devices apps enable Link-OS printers to support well-known legacy and competitor printer languages—in addition to ZPL[®] and EPL[™]—for a future-proofed investment

Intuitive, Effortless Media Loading

- Side-loading design eliminates complicated threading of supplies
- Color-coded cues give even first-time users visual guidance for loading ribbon and media
- Illuminated multi-position transmissive and

Zebra Reliability and Durability

- Built for light industrial and commercial environments
- ENERGY STAR[®] qualified printer
- 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

The Link-OS Environment In-depth

To meet changing expectations and growing demands for devices that are mobile, intelligent and connected to the Cloud, Zebra created a new software platform to support its devices: Zebra's Link-OS environment. This innovative solution makes Zebra printers even easier to integrate, manage and maintain than ever before—from any location.

The Link-OS environment is highly flexible, allowing new and creative ways for users to develop applications that interact with Zebra printers from

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.



ZT230

- S4M replacement that easily integrates into your environment
- Rugged all-metal case for long-lasting use
- 450 m/1476' ribbon capacity for increased uptime and fewer ribbon changes
- Graphical LCD user interface for easy printer setup and control
- Ideally suited for barcode labeling applications requiring more frequent format or printer setting changes through use of the intuitive user interface



ZT220

- Zebra's most affordable industrial printer
- Durable high-impact polymer case for long-lasting use
- 300 m/984' ribbon capacity
- Simple single-use three-button user interface
- Ideally suited for barcode labeling applications where minimal format or printer setting changes are required

ZebraCare™ Services

Genuine Zebra™ Supplies

SPECIFICATIONS AT A GLANCE*

Printer Name

ZT210 (not available in all Regions)
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 qualified

Printer Specifications

Resolution

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

Memory

- 128 MB SDRAM memory
- 128 MB on-board linear Flash memory

Maximum Print Width

4.09"/104 mm

Maximum 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 qualified

Agency Approvals

- IEC 60950, EN 55022 Class B, EN 55024, EN 61000-3-2, EN 61000-3-3
- **ZT210:** CCC
- **ZT220:** cTUVus, CE, FCC, ICES-003, VCCI, C-Tick, NOM, Gost-R, BSMI, S-Mark (Argentina), KC, CCC, UkrSepro, SII, SABS
- **ZT230:** cTUVus, CE, FCC, ICES-003, VCCI, C-Tick, NOM, Gost-R, BSMI, S-Mark (Argentina), KC, CCC, UkrSepro, SII, SABS

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

Media Handling

- 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)

- Real Time Clock
- Date/time for standalone applications

Keyboard Display Unit

Communication

- ZebraNet® a/b/g/n Print Server (internal)
- ZebraNet® 10/100 Print Server (internal or external)
- Centronics® Parallel port (internal)

Link-OS Solutions

Software Tools

- **Document Design:** Quickly design a customized print solution using your business data and Zebra's intuitive, plug-and-print design tools.
- **Device Integration:** Zebra offers apps and products designed to help you integrate Zebra devices into your existing systems.
- **Device Management:** Manage your print operations locally and globally with Zebra's suite of device management tools.
- **Developer Tools:** Provides you the tools you need to create your own apps, including documentation, source code, programming languages, templates and more.

Firmware

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

Barcode Symbolologies

- **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
- 58 MB user available non-volatile memory storage for downloadable objects
- 4 MB user-available SDRAM

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

