ZT200 Series Industrial Printers
INDUSTRIAL PRINTING THAT FITS YOUR BUDGET

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 easy service and maintenance.

Engineered for Ease of Use, Versatility and Outstanding Value
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. These innovative printers provide many user benefits, and they are ENERGY STAR® qualified to save you money throughout their lifecycle.

Small Footprint. Easy to Maintain.
The ZT200 Series offers a streamlined design and smaller footprint that takes up less physical space than the legacy S4M™ printer. ZT200 Series printers require minimal operator training and benefit from tool-less standard component maintenance and a durable design to minimize service.

Simple to Integrate and Manage
Featuring Zebra's Link-OS environment — an innovative operating system combining a powerful Multiplatform Software Development Kit (SDK) and software applications—ZT200 Series printers are easy to integrate, manage and maintain from any location around the globe. Your IT staff will also appreciate the backwards compatibility, since it allows for new printers to be up and running with minimal time and effort.

Cloud Technology
Featuring the Link-OS Cloud Connect application, these printers can connect to the Cloud directly and securely, forwarding data from any port.

Meets a Variety of Application Needs
Durable and small in size, ZT200 Series printers are ideal for a variety of applications from manufacturing and transportation and logistics, to healthcare and retail. From item and specimen tagging to shelf-edge and packaging labeling, these printers can meet the demands of your operations.

For more information about ZT200 Series Industrial Printers, visit www.zebra.com/zt200 or access our global contact directory at www.zebra.com/contact
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 enable the printer to easily fit 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 reflective sensors are visible through the media for trouble-free sensor-position adjustment

**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 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

* EPL available on 203 dpi models only.

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

<table>
<thead>
<tr>
<th>ZT230</th>
<th>ZT220</th>
</tr>
</thead>
<tbody>
<tr>
<td>S4M replacement that easily integrates into your environment</td>
<td>Zebra’s most affordable industrial printer</td>
</tr>
<tr>
<td>Rugged all-metal case for long-lasting use</td>
<td>Durable high-impact polymer case for long-lasting use</td>
</tr>
<tr>
<td>450 m / 1476’ ribbon capacity for increased uptime and fewer ribbon changes</td>
<td>300 m / 984’ ribbon capacity</td>
</tr>
<tr>
<td>Graphical LCD user interface for easy printer setup and control</td>
<td>Simple single-use three-button user interface</td>
</tr>
<tr>
<td>Ideally suited for barcode labeling applications requiring more frequent format or printer setting changes through use of the intuitive user interface</td>
<td>Ideally suited for barcode labeling applications where minimal format or printer setting changes are required</td>
</tr>
</tbody>
</table>
ZT200 Series Specifications

### 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
- Thin film printhead with E² Element Energy* Equalizer for superior print quality
- Bi-color LEDs for quick printhead status
- Icon-based LCD multilingual graphical user interface and full function keypad (ZT230)
- Simple keypad (ZT220)
- Communications: USB 2.0 and RS-232 Serial ports
- ENERGY STAR qualified

### PRINTER SPECIFICATIONS

<table>
<thead>
<tr>
<th>Resolution</th>
<th>203 dpi/8 dots per mm</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>300 dpi/12 dots per mm (optional)</td>
</tr>
<tr>
<td>Memory</td>
<td>128 MB SDRAM memory</td>
</tr>
<tr>
<td></td>
<td>128 MB on-board linear Flash memory</td>
</tr>
<tr>
<td>Maximum Print Width</td>
<td>4.09&quot;/104 mm</td>
</tr>
<tr>
<td>Maximum Print Speed</td>
<td>6&quot;/152 mm per second</td>
</tr>
<tr>
<td>Media Sensors</td>
<td>Transmissive and reflective sensors</td>
</tr>
<tr>
<td>Print Length</td>
<td>203 dpi: 157&quot;/3988 mm</td>
</tr>
<tr>
<td></td>
<td>300 dpi: 37&quot;/945 mm</td>
</tr>
</tbody>
</table>

### MEDIA CHARACTERISTICS

<table>
<thead>
<tr>
<th>Maximum Media Width</th>
<th>0.75&quot;/19.4 mm to 4.50&quot;/114 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Media Roll Size</td>
<td>8.00&quot;/203 mm O.D. on a 3.00&quot;/76 mm I.D. core</td>
</tr>
<tr>
<td></td>
<td>6.00&quot;/152 mm O.D. on a 1.00&quot;/25 mm I.D. core</td>
</tr>
<tr>
<td>Thickness</td>
<td>0.003&quot;/0.076 mm to 0.10&quot;/2.5 mm</td>
</tr>
<tr>
<td>Media Types</td>
<td>Continuous, die-cut, notch, black mark</td>
</tr>
</tbody>
</table>

### RIBBON CHARACTERISTICS (Thermal-transfer option only)

<table>
<thead>
<tr>
<th>Standard Length</th>
<th>ZT220: 984'/300 m</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ZT230: 1,476'/450 m</td>
</tr>
<tr>
<td>Width</td>
<td>1.57&quot;/40 mm to 4.33&quot;/110 mm</td>
</tr>
<tr>
<td>Core</td>
<td>1.00&quot;/25.4 mm</td>
</tr>
</tbody>
</table>

### OPERATING CHARACTERISTICS

| Operating Temperature:    | Thermal transfer = 40°F to 105°F/5°C to 40°C |
|                           | Direct thermal = 32°F to 105°F/0°C to 40°C |
| Operating Humidity:       | 20% to 85% non-condensing |
| Storage/Transportation Temperature: | -40°F to 140°F/ -40°C to 60°C |
| Storage Humidity:         | 5% to 85% non-condensing |

### PHYSICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th></th>
<th>ZT220 closed</th>
<th>ZT230 closed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>17&quot;/432 mm</td>
<td>17&quot;/432 mm</td>
</tr>
<tr>
<td>Width</td>
<td>8.47&quot;/219 mm</td>
<td>9.5&quot;/242 mm</td>
</tr>
<tr>
<td>Height</td>
<td>11.280 mm</td>
<td>10.9&quot;/277 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>17 lbs./7.8 kg</td>
<td>20 lbs./9.1 kg</td>
</tr>
</tbody>
</table>

### SOFTWARE TOOLS

**Link-OS Solutions**
- 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.
- Web View — Connect and control Zebra barcode printers using ZPL II via the printer’s web interface using common web browsers.
- Alert — Printers equipped with ZebraNet print servers will notify you via any email enabled, wired, or wireless device to minimize downtime.

### FIRMWARE

- ZBI 2.0™ — Optional powerful programming language that lets printers run stand-alone applications, connect to peripherals, and much more.
- ZPL and ZPL II® — Zebra Programming Language provides sophisticated label formatting and printer control and is compatible with all Zebra printers.
- EPL and EPL2™ — Eltron® Programming Language with Line Mode simplifies label formatting and enables format compatibility with legacy applications (EPL with Line Mode available on direct thermal models only) (EPL available on 203 dpi models only)

### BARCODE SYMBOLOGIES


**2D Barcodes:** 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*)
- Pre-loaded Unicode™-compliant scalable fonts for EMEA character sets
- International character sets supporting the following code page: IBMP® 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

*Contains UFST® from Agfa Monotype Corporation

### OPTIONS AND ACCESSORIES

**Energy Star qualified**

**Communications:**
- USB 2.0 and RS-232 Serial ports
- Simple keypad (ZT220)
- Icon-based LCD multilingual graphical user interface and full function keypad (ZT230)

**Agency Approvals**
- SII, SABS
- Gost-R, BSMI, S-Mark (Argentina), KC, CCC, UkrSepro
- ZT230: cTUVus, CE, FCC, ICES-003, VCCI, C-Tick, NOM, Gost-R, BSMI, S-Mark (Argentina), KC, CCC, UkrSepro, SII, SABS
- ZT220: cTUVus, CE, FCC, ICES-003, VCCI, C-Tick, NOM, Gost-R, BSMI, S-Mark (Argentina), KC, CCC, UkrSepro, SII, SABS

**Transportation and Logistics**
- Order picking / packing
- Shipping / receiving
- Cross-docking
- Compliance labeling

**Healthcare**
- Orders
- Specimen labeling
- Asset-tracking
- Unit-of-use labeling

**Retail**
- Shelf-labeling
- Shipping
- Returns
- Item tags

**Government**
- Asset-tracking
- Logistics labeling
- Warehousing

**Applications**
- Manufacturing
- Retail
- Government
- Transportation and Logistics
- Healthcare
- Logistics labeling
- Warehousing

**Zebra Technologies**

**ZT200 Series Industrial Printers**