

ZEBRA ZT200 SERIES

INDUSTRIAL PRINTERS

Designed with customer feedback in mind, the ZT200™ Series features Zebra's most affordable industrial printers. The simple interface and design provides an intuitive experience in both operation and maintenance, bringing simplicity to your workflows.

Whether you're just beginning to adopt a barcode strategy or you're looking for a higher volume upgrade to your current system, the ZT200™ Series offers simplicity and durability useful for a variety of applications. In addition to their many user benefits, the ZT200™ series printers are ENERGY STAR® qualified to help you save money.



- Affordable
- Small footprint
- High print quality
- Durable
- Intuitive

MODELS

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



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

Zebra ZT200 Series

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 E3™ Element Energy™ Equalizer 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)
Communications: USB 2.0 and RS-232 Serial ports
ENERGY STAR qualified

Physical Characteristics

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

Printer Specifications

Resolution	203 dpi/8 dots per mm 300 dpi/12 dots per mm (optional)
Memory	128 MB SDRAM 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
Print Length	203 dpi: 157"/3988 mm 300 dpi: 73"/1854 mm

Media Characteristics

Maximum Media Width	0.75"/19.4 mm to 4.50"/114 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
Thickness	0.003"/0.076 mm to 0.010"/0.25 mm
Media Types	Continuous, die-cut, notch, black mark

Zebra ZT200 Series

Ribbon Characteristics (Thermal-transfer option only)

Standard Length	ZT220: 984'/300 m ZT230: 1,476'/450 m
Width	1.57"/40 mm to 4.33"/110 mm
Core	1.0"/25.4 mm

Operating Characteristics

Environmental	<p>Operating Temperature:</p> <ul style="list-style-type: none"> • Thermal transfer = 40°F to 105°F/5° to 40°C • Direct thermal = 32°F to 105°F/0° to 40°C <p>Operating Humidity: 20% to 85% non-condensing Storage/Transportation Temperature: -40°F to 140°F/ -40° to 60°C Storage Humidity: 5% to 85% non-condensing</p>
Electrical	<p>Universal auto-ranging (PFC-compliant) power supply 100-240 VAC; 47-63 Hz ENERGY STAR qualified</p>
Agency Approvals	<p>IEC 60950, EN 55022 Class B, EN 55024, EN 61000-3-2, EN 61000-3-3 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</p>

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.

Zebra ZT200 Series

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

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

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: 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

*Contains UFST® from Agfa Monotype Corporation

Options and Accessories

Communication

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

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)

Keyboard Display Unit

ZKDU™ keyboard display units for stand-alone printing applications