ZT111 Industrial Printer

Budget can be brilliant, too

When your labeling needs demand more than a desktop printer can deliver and you're looking to add an industrial printer, you shouldn't have to compromise between budget and quality. With Zebra's ZT111, you don't have to. Get just the right features you need at the right price to match your needs – today and tomorrow. Stay productive with fast print speeds, built-in intelligence and time-saving tools to make work easier. And, futureproof your investment with upgradeability.

Make the smart choice with the ZT111, the entry-level printer that's easy on your budget and gives you more. More uptime, more processing power, more tools and more years of use.



The Budget Printer that Delivers More

Greater Functionality at a Fraction of the Cost
Get more value out of your printer with built-in Zebra-only software tools that make it easy to integrate and operate. From setup utilities to built-in security settings to ongoing visibility into your supplies usage, Zebra gives you more without the added cost.

Save Time and Effort for IT
Your IT team is busy enough. The ZT111 makes it simple. It's easy to integrate into your existing network as it is backwards compatible and features Printer Emulations to replace other brands without having to change label formats or rewrite code. Make training simple with the easy-to-use 3-button interface with 5 status icons.

Print More for Longer
Eliminate replacing printers that don't last. Get the enduring quality you expect and deserve from Zebra at a price that matches your budget, knowing this printer will outperform others for years to come. Be confident knowing you're backed by Zebra, the #1 leader in barcode printing.

Maximize Your Workspace
Save workspace with the ZT111's small footprint, compact dimensions, and bi-fold door that reduces the height needed to open it.

The Right Capabilities to Move Business Forward

Innovative Processing to Power Future Printing
The ZT111 includes an all-new architecture to process more jobs at once and evolve with advancing technology. So, it's a smart choice now and later. Onboard analytics and printhead element out detection help you plan maintenance in advance. And, the easy tool-less platen and print head removal makes the job easy.

The Key Features You Want
Want 300 dpi high-resolution printing? You've got it, and more. With fast print speeds up to 10 ips at 203 dpi, intuitive media loading with color-coded touch points and adjustable media sensors, you can quickly print what you need without the hassle.

Connect Your Way
Connecting your devices, printers and people is a critical factor to driving productivity. The ZT111 makes it easy with plenty of connectivity options to choose from like Serial and Ethernet. Need a USB Host port? It's got that. You can even tap to pair and print with compatible mobile devices with the Print Touch tag (NFC). Or, add a second Ethernet port or 802.11ac Wi-Fi™.

Futureproof Your Investment
New to industrial printing? No worries. Save on large, upfront capital costs by purchasing just the features you need right now. With field-installable upgradeability options like wireless connectivity and media handling, your printer can adapt to your changing needs whenever you need it.

Built-in Security to Protect Your Data and Infrastructure

Smart Settings to Prevent Tampering
Security risks are real and costly. Endpoints are becoming popular targets, including networked thermal printers. Protect your ZT111 during start up with Secure Boot and prevent unwanted settings changes while in use with Protected Mode. When you're ready to relocate or retire your ZT111, easily reset all user settings and remove user files with Simplified Printer Decommissioning. Protect your networks from costly cyber attacks with Zebra Secure Service Commands, part of PrintSecure.

Supplies, Service and Support

Zebra Certified Supplies
Printing supplies provide a digital voice for assets across your supply chain. You rely on them to disseminate critical data throughout your organization. If something goes wrong with your printing supplies, operations are interrupted, productivity suffers and costs rise. That's why we design, produce and rigorously pretest our own line of labels and tags to ensure consistent, optimized performance in your Zebra printer. For industry-leading quality, service and thermal printing expertise, choose Zebra Certified Supplies.

Backed by Zebra's Worldwide Service and Support
Access repair support services anywhere around the globe through Zebra and its trusted network of more than 10,000 partners. Zebra OneCare™ Maintenance Plans provide enhanced coverage that exceeds standard warranty.

Specifications

Standard Features

- Print methods: direct-thermal or thermal-transfer
- Construction: metal frame and plastic enclosures
- 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
- Five color LEDs for quick printer status
- Three button keypad
- Communications: USB 2.0 and RS-232 Serial port, 10/100 Ethernet, and USB Host
- ENERGY STAR® certified
- Bluetooth® Low Energy
- ZebraDesigner Essentials – easy label design tool free at www.zebra.com/zebradesigner
- One-year standard warranty

Physical Characteristics

Dimensions	**ZT111 Closed:** 17 in. L x 9.5 in. W x 11 in. H 432 mm L x 241 mm W x 279 mm H
Weight	**ZT111:** 17 lbs./7.7 kg

*Dimensions are for the base model printer. Consult your sales representative for specifics regarding other configurations.

Printer Specifications

Resolution	203 dpi/8 dots per mm 300 dpi/12 dots per mm (optional)
Memory	256 MB SDRAM memory 256 MB on-board linear Flash memory
Maximum Print Width	4.09 in./104 mm
Maximum Print Speed	10 ips (200 dpi) 6 ips (300 dpi)
Media Sensors	Transmissive and reflective sensors
Maximum Print Length	203 dpi: 157in./3988 mm 300 dpi: 73in./1854 mm

Media Characteristics

Minimum Label and Liner Length	Tear mode: 0.7 in/18 mm Cutter mode: 1 in/25 mm Peel mode: 0.5 in/13 mm
Media Width	0.75 in./19.4 mm to 4.50 in./114 mm
Media Roll Size	8.0 in./203 mm O.D. on a 3.0 in./76 mm I.D. core 6.0 in./152 mm O.D. on a 1.0 in./25 mm I.D. core
Media Thickness	0.003 in./0.076 mm to 0.010 in./0.25 mm
Media Types	Continuous, die-cut, notch, black mark

Ribbon Characteristics (Thermal-transfer option only)

Standard Length	1,476 ft./450 m
Width	2 in./51 mm to 4.33 in./110 mm
Core	1.0 in./25.4 mm

Operating Characteristics

Operating Temp.	Thermal transfer: 40°F to 105°F/5° to 40°C Direct thermal: 32°F to 105°F/0° to 40°C
Storage/Transportation Temperature	-40°F to 140°F/-40° 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 100-240 VAC; 50-60 Hz ENERGY STAR certified
Agency Approvals	IEC 62368-1, EN55022 Class B, EN55024, EN55035, EN61000-3-2, EN61000-3-3, FCC Class B, ICES-003, FCC 15.209; 15.247(d), IC RSS 247, EN 300 328, EN 301 893, EN 62311, cTUVus, CE Marking, UKCA, VCCI, RCM, S- Mark, CCC, CU EAC, BSMI, KCC, & BIS

Print DNA Basic Software

This printer is supported by our Print DNA Basic suite of software capabilities to get your printer up and running quickly, deliver a dependable print experience and enable your printer to evolve with your business needs. Print DNA features may vary by model, and some features may require a license. For more information, please visit www.zebra.com/printdna

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 64 MB user available Flash memory storage for downloadable objects; 32 MB user-available SDRAM

Markets and Applications

Manufacturing

- Work-in-process
- Product ID/serial numbers
- Packaging labeling
- Receiving/put-away labeling

Transportation & Logistics

- Order picking/ packing
- Shipping/receiving
- Cross-docking
- Compliance labeling

Healthcare

- Laboratory labeling
- Blood bank labeling
- Asset tracking
- Unit-dose labeling
- Pharmacy labeling

Retail

- Buy online pick up in store labeling
- Return tagging
- Price labeling
- Shipping labeling

Options and Accessories

Communication
- 802.11ac Wi-Fi option card
- 10/100 Ethernet option card

Media Handling
- Peel — a front-mount, passive-peel with no take-up spindle
- Cutter — a front-mount guillotine cutter

Keyboard Display Unit
- ZKDU™ keyboard display units for stand-alone printing applications

Product Warranty

ZT111 industrial printer is warranted against defects in workmanship and materials for a period of 1 (one) year from the date of shipment. For the complete warranty statement, please visit www.zebra.com/warranty

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