

# ZT231 工业打印机

智能功能。小额投资。大回报。

需求不断增加，时间表也在缩短。你有足够的打印能力跟上——而且不会被打断吗？ZT231 以合适的价格提供合适的功能组合，同时具备你对 Zebra 所期望的持久品质。快速打印速度、高分辨率打印质量、大型彩色触摸屏、前瞻性设计等——全部集中在一个节省空间的空间中。此外，在需要时还可添加RFID、无线连接和媒体处理等可选功能。但这还不是全部。内置智能功能让你的工作更轻松，并提供高安全性协助。这就是斑马定义价值的方式。



## 用Zebra获得更多价值

### 简单作与智能功能

使用ZT231易用的4.3英寸全彩触摸屏，缩短训练时间。一目了然地查看状态，访问向导和实用作视频，只需用手指或戴手套的手触摸即可做出更改。顺畅地将ZT231集成到你现有的网络中，因为它向下兼容，并且支持打印机仿真，无需更改标签格式或重写代码即可替换其他品牌。

### 让您的IT团队轻松完成

利用Zebra强大且不断增长的Print DNA 软件套件以增加功能。通过基于网页的仪表盘，轻松配置、排查和管理您的打印机，无论是现场还是远程。将你的打印机安全设置与实际应用偏好进行比较，并根据其调整，同时保护你的数据免受漏洞侵害。

### 明智的选择：现在与未来

购买ZT231的好处不仅限于购买。需要时，通过可现场安装的升级扩展打印机功能。添加切割器或剥离器、无线连接甚至UHF RFID编码等选项。

## 专为性能而生。被设计成能承受的。

### 不要在质量上妥协

凭借耐用的金属框架，ZT231非常适合轻工业环境。打印清晰的文字和条形码，可选300 dpi分辨率。通过快速打印速度提升标签吞吐量，最高可达12 ips，203 dpi。放心，你有Zebra的支持，他们是条码打印领域的高绩效者。

### **Get More Done with Greater Visibility**

The ZT231 includes an outstanding architecture to process more jobs at once and evolve with emerging technologies. Onboard analytics and printhead element out detection help you plan maintenance in advance. And, the easy tool-less platen and print head removal makes maintenance easy.

### **Small Footprint, Great Outcome**

To help you make good use of your workspace, we've engineered the ZT231 with a space-saving, compact design and bi-fold door that reduces the height needed to open your printer. Take the trouble out of media loading with an intuitive design and color-coded cues. Adjustable sensors offer greater media flexibility and the large ribbon roll capacity lets you change media less frequently.

### **Connect Your Way**

Take advantage of a variety of standard connectivity options including USB, Serial, Ethernet and USB Host. Tap to pair and print with compatible mobile devices with the Print Touch tag (NFC). Add a second Ethernet port, 802.11ac or an Applicator port.

### **Get RFID Without Complication**

Incorporate UHF RFID printing and encoding\* for greater visibility and tracking. Get greater media flexibility and simple RFID calibration with Zebra's adaptive encoding technology that reduces complex placement guidelines.

## **Software That Gives You a Serious Advantage**

### **Update, Troubleshoot and Monitor – from a Single Location**

With Zebra's Printer Profile Manager Enterprise, part of Print DNA, you can easily manage, secure and troubleshoot your networked printers from nearly any location. And an intuitive browser-based interface lets you see status at a glance, quickly triage issues to reduce downtime and perform updates and maintenance.

### **Peace-of-Mind Printer Security**

Security risks are real and costly. Endpoints are becoming popular targets – including networked thermal printers. Shield yourself from cyber attacks with Zebra's PrintSecure, part of Print DNA. Easily configure your printers via secure connections, identify vulnerabilities, block unauthorized access and detect events before they happen.

## **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 good quality, service and thermal printing expertise, choose Zebra Certified Supplies.

### **Backed by Zebra's Worldwide Service and Support**

Access repair support services 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 metal 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 good print quality
- Three-color LEDs for quick printer status
- 4.3" color resistive touch screen with intuitive menu for quick operation and settings
- Communications: USB 2.0, RS-232 Serial port, 10/100 Ethernet, and USB Host
- ENERGY STAR™ certified
- Bluetooth Low Energy (BTLE) technology for enhanced location precision
- ZebraDesigner Essentials – easy label design tool free at [www.zebra.com/zebradesigner](http://www.zebra.com/zebradesigner)
- Real-Time Clock (RTC)

## Physical Characteristics

Dimensions*	ZT231 Closed: 17 in. L x 9.5 in. W x 11 in. H 432 mm L x 241 mm W x 279 mm H ZT231 with Liner Takeup Unit: 17 in. L x 9.5 in. W x 12.75 in. H 432 mm L x 241 mm W x 324 mm H
Weight	ZT231: 20 lbs./9.1 kg ZT231 with Liner Takeup Unit: 24 lbs./10.9 kg
	*Dimensions are for the base model printer. Consult your salesrepresentative 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	12 ips (203 dpi) 8 ips (300 dpi)
Media Sensors	Moveable transmissive and reflective sensors
Maximum Print Length	203 dpi: 157 in./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

## 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 Zebra printers.  
EPL and EPL2™ — Eltron Programming Language simplifies label formatting and enables format compatibility with legacy applications. (EPL available on 203 dpi models only.)

## 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  
2D Barcodes: Aztec, Codablock, PDF417, Code 49, Data Matrix, MaxiCode, QR Code, MicroPDF417, TLC 39, RSS-14 (and composite)

## Fonts and Graphics

Z7 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

## Options and Accessories

- Communication
- 802.11ac Wi-Fi option card
  - 10/100 Ethernet option card
  - Applicator Interface
- 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
- RFID
- UHF field-installable RFID kit
- Keyboard Display Unit
- ZKDU™ keyboard display units for stand-alone printing applications

## Managed Print Services (MPS) Made Simple

Our printers offer advanced remote management, analytics and security capabilities that make them the obvious choice for MPS. With the Print DNA software suite, your Zebra MPS provider can remotely manage and optimize your printers, track and automate supplies replenishment and ensure security. For more information, please visit [www.zebra.com/managed-print-services](http://www.zebra.com/managed-print-services)

# Markets and Applications

## Manufacturing

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

## Transportation and 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

## 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, and BIS

## Print DNA Software

This printer is supported by our Print DNA suite of software capabilities to get your printer up and running quickly and securely, 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](http://www.zebra.com/printdna)

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视频号



抖音号



小红书



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