

ZT400 Series Industrial Printers

Improved performance, versatility and ease of use

Keep your mission-critical business running efficiently with Zebra's durable ZT400 Series printers. The ZT400 features advanced technologies for increased versatility, ease of use and performance. Available in three print resolutions and two print widths, the ZT400 Series addresses a wide range of applications in manufacturing, transportation and logistics, retail and more. Clearly view printer status and quickly manage settings using the large color touchscreen display. Field-installable linerless, connectivity, media handling and RFID options make it easy to add more features as you need them. Your IT department can use Zebra DNA™, a suite of printer applications, utilities and development tools powered by Link-OS™, to make the ZT400 printer easy to integrate and manage. The result? The ZT400 delivers the versatility, reliability and performance to meet your industrial printing needs today and into the future.



Versatile to meet your changing needs

Configure your printing method with multiple connection options

ZT400 comes standard with Ethernet, serial, USB, dual USB host, and Bluetooth 4.2. An optional dual-band wireless card is available with 802.11ac Wi-Fi and Bluetooth for fast and reliable wireless connectivity.

Designed to handle a variety of media and applications

The ZT400 can print labels in different formats on multiple media types. The printer is available in 4-inch and 6-inch models with resolutions of 203 dpi, 300 dpi and 600 dpi* (600 dpi available only on the 4-inch ZT411). Add factory or field-installable RFID technology to print and encode labels for improved tracking capabilities and deeper visibility. Zebra's ZT411 RFID on-metal tag solution is designed to print and encode thicker RFID tags for metal containers and assets.

Dual USB host ports for increased flexibility

Dual USB host ports allow you to directly connect a variety of USB device types. Use a USB drive to copy firmware, files, and configurations, or easily print and transfer formats. Connect a scanner and keyboard simultaneously through two host ports, reducing the need to plug and unplug peripherals, thereby simplifying data entry.

Designed to meet your changing needs

You can customize the ZT400 with a range of quickly installable media handling options. Two open communication slots accommodate even more communication options. Plus, the processing power and memory are powerful enough to support firmware upgrades and additional Zebra DNA tools for years to come.

Sustainable productivity gains with ZeroLiner

With the Zebra ZeroLiner linerless printing solution available with the ZT411, you can increase productivity with every roll of labels, reduce downtime caused by roll changes and the hassle of peeling off liners. This helps achieve sustainable development by reducing waste and CO2 emissions due to reduced liner and material usage. Designed and tested for use with Zebra ZeroLiner labels, the Linerless ZT411 reduces adhesive buildup and offers a variety of dpi options for a wide range of applications. The factory-installed Linerless option is thermal only, further reducing environmental impact by avoiding unnecessary parts. In addition, a Linerless Upgrade Kit is available for existing ZT411 printers. This field-installable kit makes it easy to convert your fleet of ZT411 devices, maintaining its versatility to switch to thermal transfer printing as your needs change.

Keep your critical business running efficiently.

For more information, visit www.zebra.com/zt400

Easy integration and operation

Large color touch screen makes operation easy

The ZT400 features an intuitive icon interface that's easy to set up and use. The 4.3-inch full-color touchscreen display lets you quickly navigate through printer settings using a user-friendly icon menu system to change language, printer settings, connectivity options and more. Zebra touchscreens are expertly designed and tested with the same ruggedness and reliability as the rest of the Zebra printer portfolio. This includes Zebra's robust tolerance to temperature, humidity, dust and other environmental challenges. When the printer is paused or in an error state, color-coded alerts are visible from a distance for quick visibility of the functions the printer needs to keep running.

Easy loading of media and ribbon

The side-loading supplies path makes loading simpler, faster and more intuitive. The color-coded media path guides you how to move media and ribbon through the printer, while the illuminated path is easy to see even in low-light environments.

Space-saving design for easier installation

The bi-fold door construction of this series of printers makes it easy to install in environments with limited space. It can save you money over the life cycle.

Connect directly to Industrial Ethernet networks

The network connectivity option allows you to connect the ZT400 printer directly to your Industrial Ethernet network. This reduces points of vulnerability, improves security, and saves hours of setup, management, and troubleshooting.

Tap to pair devices and access information

With the Print Touch™ app, you can pair your ZT400 Series printer with your NFC-enabled device with a single tap. Dynamic QR codes give you quick access to the data you need, including Zebra how-to videos and product support.

Easy to manage

Zebra Printer DNA - Changing the Printer from the Inside

The ZT400 is powered by Link-OS, Zebra's powerful printer operating system, and Zebra Printer DNA, which combines productivity, management, development and visibility tools to deliver a superior printing experience through better performance, simplified remote manageability and easier integration.

Easily centrally manage printers from a single location

With our remote management tools, you can easily and flexibly maintain, secure, and troubleshoot printers from any location. With Printer Profile Manager Enterprise, you can manage one printer, a group of specific printers, or your printers in different locations. This browser-based solution allows you to quickly discover Link-OS printers on your network, reducing the need to manually find, configure, or troubleshoot printers. In addition to the optional Enterprise Remote Management Tools, we also provide a set of free deployment utilities to simplify initial setup and configuration.

Integrate smoothly with your device management system

Easily manage your Zebra devices and printers, including the ZT400 Series, from a single pane of glass. Using the Zebra DNA for Printer MDM Connector, you can easily integrate network-connected ZT400 Series printers into your existing AirWatch or SOTI™ MobiControl device management systems.

Performance you can trust

Higher throughput and productivity

Avoid slowing down operations and processes while waiting for labels to print. Outstanding performance enables fast label output and high throughput, ensuring labels are ready when you need them.

Rugged and suitable for harsh applications

The ZT400 Series is built to provide your business with years of service. Its durable metal frame stands up to tough environments, while a durable coating protects the printhead when printing in thermal mode, reducing the need for printhead replacements. Ensure high-quality printing with printhead element output detection. Details, from the carbon fiber reinforced gears to the high-retention USB cable, have been carefully designed and tested to provide maximum uptime over the life of the printer.

Continuous and stable high-quality Zebra certified supplies

Printer hardware is just the beginning of what you need to increase the value of your printer.

Printing supplies can affect everything from printhead life to operational efficiency. That’ s why we design, manufacture and rigorously pre-qualify our line of thermal printing supplies to ensure consistent, optimized performance from your Zebra printer, giving you peace of mind. For quality service and thermal printing expertise, choose Zebra Certified Supplies.

Improve uptime, business operations and printer visibility with services

投资 Zebra 打印机，可提高关键业务的效率。使用 Zebra OneCare，您可以确保可预测的性能并减少未列入预算的维修费用。您可以直接从 Zebra 获得出色的技术支持，以及综合的维修服务，包括意外损坏和规定的维修周转时间。此外，Zebra 的支持和可视化服务还能让您实时了解打印机的运行信息，从而提高打印机的可用性，优化工作流程中的利用率。

规格

标准功能

- 打印方式：热转印和热敏 - 机身框架：金属框架和双折叠门金属介质盖，带有透明的加大观察窗口 - 侧面装入耗材的通道，可简化介质和碳带的装入操作 - 配备薄膜打印头可实现出色的打印质量 - 通信：USB 2.0、高速、RS-232 串口、10/100 以太网、蓝牙 4.2、双 USB 主机 4.3 英寸彩色触摸显示屏，配有直观的菜单，可进行快速操作和设置管理 - 双色 LED 状态指示灯可快速显示打印机状态 - Zebra Designer Essentials：免费的简易标签设计工具 www.zebra.com/zebradesigner
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物理参数

尺寸（闭合状态）	ZT411: 19.5 英寸（长）x 10.6 英寸（宽）x 12.75 英寸（高） 495 毫米（长）x 269 毫米（宽）x 324 毫米（高） ZT421: 19.5 英寸（长）x 13.25 英寸 宽 x 12.75 英寸 高 495 毫米（长）x 336 毫米（宽）x 324 毫米（高） ZT411 带全回卷功能： 19.7 英寸 长 x 10.8 英寸 宽 x 16.7 英寸（高） 500 毫米 长 x 274 毫米 宽 x 425 毫米 高 ZT421 带全回卷功能： 19.7 英寸 长 x 13.3 英寸 宽 x 16.7 英寸（高） 500 毫米 长 x 338 毫米 宽 x 425 毫米 高 注意：尺寸适用于基本型号打印机。有关其他配置 的详细信息，请咨询您的销售代表。
重量	ZT411: 36 磅/16.33 千克 ZT421: 40 磅/18.14 千克 ZT411 带全回卷：48.7 磅/22.09 千克 ZT421 带全回卷：55.3 磅/25.08 千克

打印机规格

分辨率	203 dpi/每毫米 8 点 300 dpi/每毫米 12 点（可选） 600 dpi/每毫米 24 点（仅 ZT411 可选）
内存	256 MB SDRAM 内存 512 MB 板载线性闪存
打印宽度可达	ZT411: 4.09 英寸/104 毫米 ZT421: 6.6 英寸/168 毫米
打印速度可达	ZT411: 14 ips/每秒 356 毫米 ZT421: 12 ips/每秒 305 毫米
介质传感器	可调双介质传感器：透射式和反射式
打印长度	ZT411 • 203 dpi: 157 英寸/3988 毫米 • 300 dpi: 73 英寸/1854 毫米 • 600 dpi: 39 英寸/991 毫米 ZT421 • 203 dpi: 102 英寸/2591 毫米 • 300 dpi: 45 英寸/1143 毫米

介质特性

介质宽度可达	ZT411 • 1.00 英寸/25.4 毫米 至 4.5 英寸/114 毫米（撕纸/切刀） • 1.00 英寸/25.4 毫米 至 4.25 英寸/108 毫米（剥离/回卷） ZT421 • 2.00 英寸/51 毫米 至 7.0 英寸/178 毫米（撕纸/切刀） • 2.00 英寸/51 毫米 至 6.75 英寸/171 毫米（剥离/回卷）
介质卷尺寸可达	在 3 英寸/76 毫米内径的卷芯上的外径为 8.0 英寸/203 毫米

选项及附件

通信	两个开放式通信插槽，可添加内部证卡： • 双频 802.11ac Wi-Fi 和蓝牙 • 并行（双向接口） • 10/100 以太网 • 贴标机接口
介质处理	• 回卷：内置 3 英寸卷芯，可回卷整卷打印标签，或剥离和回卷底纸（仅限工厂安装） • 剥离：前置式无源剥离选项 • 剥离：底纸卷取 — 额外的全卷底纸卷取轴可适应标准打印机底座 • 切刀：前置闸刀式切纸器和接收盘 • 1 英寸 内径卷芯介质供应架（仅限 ZT411） • 碳带耗材中的墨水侧（仅限 ZT411）
无底纸*	无底纸功能有两个选项： • 工厂安装的无底纸型号（仅热敏型号提供） • 可现场安装的无底纸升级套件 *仅适用于 ZT411
RFID	• 支持与以下协议兼容的标签：UHF EPC Gen 2 V2.1、ISO/IEC 18000-63 和 RAIN RFID 协议 • 集成 RFID 系统可在现场进行用户升级，适用于 4 英寸和 6 英寸型号 • 自适应编码技术自动选择合适的编码设置 • 提供可现场安装 的金属 RFID 套件* *仅限 ZT411（不适用于 600 dpi 型号）
键盘显示单元	适用于独立打印应用的 ZKDU™ 键盘显示单元

条码码制

线性条码	Code 11, Code 39, Code 93, Code 128 (including A/B/C subsets and UCC Case Codes), ISBT-128, UPC-A, UPC-E, EAN-8, EAN-13, UPC and EAN 2-digit or 5-digit extensions, Plessey, Postnet, Standard 2-of-5, Industrial 2-of-5, Interleaved 2-of-5, Logmars, MSI, Codabar, Planet Code
QR code	Codablock, PDF417, Code 49, DataMatrix, MaxiCode, QR Code, TLC 39, MicroPDF, RSS-14 (and composite codes), Aztec

Institutional Accreditation

Safety and EMC	IEC 62368, Class B, EN 55032, EN 55035, EN 61000-3-2, EN 61000-3-3
Product Marking	Including but not limited to cTUVus, CE, FCC, ICES-003 (B), VCCI, RCM, NOM, S-Mark, CCC, EAC, BSMI, KCC, SABS, In-Metro, BIS

Fonts and Graphics

16 built-in scalable ZPL II bitmap fonts and two built-in scalable ZPL fonts Asian and other international scalable smooth bitmap fonts Unicode™: for multi-language printing Downloadable objects include graphics, scalable and bitmap fonts, label templates and formats IBM Code Page 850 international character set available in fonts A, B, C, D, E, F, G and 0 under software control Code Page 1250, 1252, 1253, 1254, 1255 with font size 0 support 64 MB user-available non-volatile memory storage for downloading objects 8 MB user-available SDRAM

Markets and Applications

manufacturing

- Work in Process
- Product ID/Serial Number
- Packaging marking
- Receiving/warehouse label

Transport and Logistics

- Order picking/packing
- Shipping/Receiving
- Cross-docking
- Compliance Labels

retail

- Distribution Center
- Backstage Operations

Healthcare

- Laboratory Label
- Blood Bank Label
- Asset Tracking
- Drug Labels

介质特性

介质厚度	0.0023 英寸/0.058 毫米 至 0.010 英寸/0.25 毫米
介质类型	连续、模切、凹口、黑标、无底纸介质**仅适用于无底纸打印机型号

碳带功能

标准长度	1476 英尺/450 米
宽度	ZT411: 2.00 英寸/51 毫米至 4.33 英寸/110 毫米 ZT421: 2.00 英寸/51 毫米至 6.85 英寸/174 毫米
卷芯	1.0 英寸/25 毫米内径

环境

工作温度	热转印: 40° F 至 104° F/5° C 至 40° C 热敏: 32° F 至 104° F/0° C 至 40° C
储存/运输温度	-40° F 至 140° F/-40° C 至 60° C
工作湿度	20% 至 85% 无冷凝
储存湿度	5% 至 85% 无冷凝

编程语言

ZBI 2.0™—可选的强大编程语言，使打印机能够运行独立应用程序、连接到外围设备等。 ZPL 和 ZPL II™—Zebra 编程语言提供复杂的标签格式化和打印机控制功能，并与 Zebra 打印机兼容。 EPL 和 EPL2™—Eltron™ 编程语言带线路模式，简化了标签格式，并实现了与传统应用程序的格式兼容性。(EPL 仅适用于 203 dpi 型号)。

电气规格

可自动检测 (符合 PFC) 100-240VAC, 50-60Hz

Recommended Services

	Zebra OneCare™ maintenance plans deliver high performance and device uptime while protecting your critical operations and printers with defined service levels. For more information, visit www.zebra.com/zebraonecare
Zebra OneCare Select	Comprehensive protection service with repair coverage for printheads, normal wear and accidental damage Priority access to 24x7 live technical support and software updates Advance replacement and express service (next-day device replacement) Standard device commissioning Online Return Material Authorization (RMA) support
Zebra OneCare Essential	Comprehensive protection service with printhead, normal wear and accidental damage coverage Priority access to 8x5 live technical support and software updates Three-day on-site repair turnaround time and free return shipping Online Return Material Authorization (RMA) support
	NOTE: Service availability may vary by country.

Zebra DNA for Printers

The printer is supported by the powerful Zebra DNA suite of applications, utilities and development tools that provide better performance, simplified remote manageability and easier integration for our printers. Zebra DNA features may vary by model and may require a support contract. For more information, visit: www.zebra.com/zebradna
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footnote

Unless otherwise stated, the above product claims are based on Zebra's internal testing. Individual products vary, please refer to the actual product.
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了解更多产品和行业应用: www.zebra.com

斑马技术销售支持热线: **4009201899**

(注: 如果您是铁通用户, 请发邮件至contact.apac@zebra.com咨询)



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