

ZT600 RFID Industrial Printer

Powerful, intelligent and scalable RFID encoding solution

To excel in today's competitive manufacturing or transportation logistics industry, you need technology solutions that can grow with your business. Equipped with factory- or field-installable RFID encoders, the ZT600 Series printers combine industrial durability, user-friendly features, and forward-looking adaptability to meet your evolving needs in the coming years. Link-OS applications, managed operations, and asset visibility services (OVS/AVS) provide greater visibility into your printing system, while advanced RFID printing and encoding capabilities deepen your insights into your business.



Get great visibility with Link-OS

Zebra believes that printers should be as intuitive, user-friendly and integrated as smartphones and other devices that keep us connected outside of work. These features are easily achieved with Print DNA software powered by Link-OS. This software platform simplifies setup, management and troubleshooting through cloud-accessible applications, giving you real-time visibility and control to manage your printing system on-site or remotely.

Expand your horizons with superior tracking technology

Upgrading the ZT610 and ZT620 to RFID encoding devices in the field takes minutes. Once the printers are RFID-enabled, they can accurately and efficiently print and encode labels for today's advanced item-level tracking applications. Adaptive encoding capabilities allow media flexibility and simplify the RFID calibration process, eliminating complex placement guides. An intuitive user interface further reduces setup time. Zebra's RFID technology has been certified in multiple regions to provide operational visibility and business insights for complex, multinational supply chains.

Calmly cope with harsh environments and operate stably and reliably around the clock

The ZT600 Series printers are built to handle challenging industrial conditions, ensuring superior print quality and reducing operational downtime due to printer failure. Their rugged, all-metal design can handle extreme temperatures, dust, debris, humidity, and more. Guided instructions and feedback help reduce common errors and manual adjustments for highly consistent print results. Premium-quality printer and internal components support a wide range of applications and deliver exceptional print quality and speed. Field-installable, full-size guillotine cutter and catch tray are an excellent choice for your apparel labeling applications.

Reduce high RFID media costs

The spacing between labels is very close, with most RFID inlays having a distance (pitch) of 0.6"/16 mm or less, and it can handle these jobs. By shortening the spacing between inlays, the label converter can use less material, which can reduce your cost per label, reduce the number of media roll changes, and increase the throughput rate of the printer/encoder.

ZT600 Series – Industrial-grade durability and intelligence to handle a variety of challenges.

To learn more about the ZT600 Series Industrial Printers, visit www.zebra.com/zt600r
or visit our global contact directory
at www.zebra.com/contact

Use flexible connection methods for customized configuration

A wide range of modern connectivity options makes system setup, integration and updates simple. Standard connectivity includes serial, USB, Gigabit Ethernet, USB host and Bluetooth

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, while optional connectivity includes parallel, 802.11a/c, applicator port, IPv6 and Bluetooth Low Energy. The device also features two open media slots to help you use non-standard connectivity options, design failover connections and prepare for future protocols.

User-friendly design to improve your efficiency

Every detail of the ZT600 Series is designed to save you time. See printer status at a glance with the intuitive LCD interface or optional 4.3-inch full-color touchscreen. You can also quickly navigate printer settings with a user-friendly icon menu system to change languages, change printer settings, connectivity options and more, all from the display. Color-illuminated media and ribbon paths simplify daily maintenance. Adjustable media width and pressure switches help easily adapt to more applications. Onboard sensors, diagnostics and help resources let you troubleshoot with fewer calls to customer support.

Specification

RFID

• Supports tags compatible with the following protocols: UHF EPC Gen 2 V2, ISO/IEC 18000-63, and RAIN RFID protocols • Integrated, user-upgradeable RFID system; available in 4" and 6" models • Adaptive encoding technology automatically selects encoding settings that suit your needs • Supports multi-vendor chip-based serialization • Supports persistent locking of user memory blocks compliant with ATA Spec 2000 • Helps users track performance with RFID job monitoring tools

Standard Features

• Printing method: thermal transfer and thermal printing • Body frame: Metal frame and double fold door metal media cover with transparent enlarged viewing window • Side-access consumables access simplifies media and ribbon loading • Thin-film printhead with E3™ Element Energy™ Equalizer for superior print quality • Communications: Hi-Speed USB 2.0, RS-232 serial port, Gigabit Ethernet, Bluetooth 4.0 • Highly visible color display turns red when the printer is in an error state, allowing users to determine the printer status from a distance • Simplified icon-based menu navigation system organizes setup options into logical function groups
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Printer specifications

Resolution	203 dpi/8 dots per mm 300 dpi/12 dots per mm (optional) 600 dpi/24 dots per mm (optional for ZT610 only)
Memory	1 GB RAM memory 2 GB on-board linear flash memory
Print width up to	ZT610: 4.09"/104 mm ZT620: 6.6"/168 mm
Print speed up to	ZT610: 14 ips/356 mm per second ZT620: 12 ips/305 mm per second
Media Sensor	Dual media sensors: transmissive and reflective
Continuous printing length up to	ZT610 • 203 dpi: 150"/3810 mm • 300 dpi: 130"/3302 mm • 600 dpi: 30"/762 mm ZT620 • 203 dpi: 150"/3810 mm • 300 dpi: 100"/2540 mm

Medium characteristics

Media Width	ZT610 • 1.00"/25.4 mm 到 4.5"/114 mm (剥离/切纸) • 1.00"/25.4 mm 到 4.25"/108 mm (剥离/回卷) ZT620 • 2.00"/51 mm 到 7.0"/178 mm (剥离/切纸) • 2.00"/51 mm 到 6.75"/171 mm (剥离/回卷)
介质卷尺寸可达	8.0"/203 mm (外径) 使用 3"/76 mm 卷芯 (内径)
厚度	0.0023"/0.058 mm 到 0.010"/0.25 mm
介质类型	连续纸、模切纸、有凹口的纸、黑标纸

物理参数

	ZT610 关闭介质舱
长度	19.88"/505 mm
宽度	10.56"/268.2 mm
高度	15.58"/395.68 mm
重量	50 lbs/22.7 kg
	ZT620 关闭介质舱
长度	19.88"/505 mm
宽度	13.44"/341.45 mm
高度	15.58"/395.68 mm
重量	57.4 lbs/26 kg

软件工具

Link-OS 解决方案Document Design –借助您的业务数据和 Zebra 的直观型“快插快印”设计工具快速设计定制化打印方案。 Device Integration – Zebra 提供应用程序和产品，专为帮助将 Zebra 设备与现有系统集成。 Device Management – 借助 Zebra 的设备管理工具套件，管理您的本地或大范围打印操作。 Developer Tools – 为您提供您需要的工具，从而开发您自己的应用程序，包括文档、源代码、编程语言、模板等。 Web 视图使用常用的网页浏览器，查看打印机的网页界面，即可使用 ZPL II 连接并控制 Zebra 条码打印机。提醒配备 ZebraNet 打印服务器的打印机将通过多种支持电子邮件功能的有线或无线设备来通知您，尽可能减少停机时间。
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固件

ZBI 2.0™ — 可选配功能强大的编程语言，使打印机能够运行单独应用、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，并且与现有 Zebra 打印机兼容。 支持 XML 的打印–可使用 XML 通信来打印条码标签。
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条码识别码制

线性条码：Code 11、Code 39、Code 93、带子集 A/B/C 和 UCC Case Code 的 Code 128、ISBT-128、UPC-A、UPC-E、EAN-8、EAN-13、UPC 和 EAN 2 位或 5 位数字扩展、Plessey、Postnet、Standard 2-of-5、Industrial 2-of-5、Interleaved 2-of-5、Logmars、MSI、Codabar、Planet Code 二维条码：Codablock、PDF417、Code 49、DataMatrix、MaxiCode、QR 码、TLC 39、MicroPDF、RSS-14 (和复合码)、Aztec
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字体和图形

16 种内建可扩展 ZPL II 位图字体和两种内建可缩放 ZPL 字体 亚洲和其他国际可扩展平滑位图字体 Unicode™：适用于多语言打印 可下载对象包括图形、可缩放字体和位图字体、标签模板和格式 通过软件控制，IBM Code Page 850 内部字符集可用于字体 A、B、C、D、E、F、G 和 O 支持 0 号字体的 Code Page 1250、1252、1253、1254、1255 32 MB 用户可用 DRAM 512 MB 用户可用的板载闪存
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碳带特性（仅热转选项）

标准长度	1476'/450 m
宽度	ZT610: 2.00"/51 mm 到 4.33"/110 mm ZT620: 2.00"/51 mm 到 6.85"/174 mm
卷芯	1.0"/25.4 mm（内径）

操作特性

环境	工作温度： • 热转印 = 40°F 到 104°F/5°C 到 40°C • 热敏 = 32°F 到 104°F/0°C 到 40°C 操作湿度：20% 到 85%，无冷凝 存储/运输温度：-22F 到 140F/-30C 到 60C 存储湿度：20% 到 85%，无冷凝
电气规格	自动检测（符合 PFC 标准）90-265V 交流电，47-63Hz，额定功率 250 瓦 获得 ENERGY STAR 认证
机构认证	IEC 60950、EN 55022 Class B、EN 55024、EN 61000-3-2、EN 61000-3-3 cTUVus、CE 标志、FCC-B、ICES-003、VCCI、C-Tick、NOM、S-Mark (Arg)、CCC、CU、BSMI、KCC、SABS、IN-Metro

选件和附件

连接性

两个开放式通信槽可用于添加
802.11ac、并口、以太网和辅助接口的内置卡。提供 IPv6
选项以作为并口附加的外部加密狗介质处理

- 回卷：内置 3 " 卷芯，可回卷打印标签，也可以剥离和回卷底纸
- 切纸器：前置闸刀式切纸器和接收盘
- 1" 内径卷芯介质供应架
- 碳带供应轴的墨水侧向内显示屏
- 明亮的 4.3 英寸全彩色触摸显示屏，可提供清晰的导航、当前状态可视化以及支持信息键盘显示单元
- ZKDU™ 键盘显示单元，可在单独的打印应用中使用

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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