

## ZT600 Series Industrial Printers

### The XI Series brings smart features and industrial-grade durability

The ZT610 and ZT620 are an upgrade on their cutting-edge Xi predecessors, combining rugged durability and superior performance on a future-proof, user-friendly platform. These printers are designed to help you easily adapt to the rapidly evolving business technology landscape. Whether you are concerned about growing production line demands, increasing operational complexity, integrating different systems or controlling investment costs, the ZT600 Series of industrial printers can help you solve multiple problems today and meet multiple needs in the years to come.



ZT610

ZT620

**The development of industrial thermal printing**

Zebra industrial printers are known for their durability, fast print speeds, long life and outstanding reliability. The ZT610 and ZT620 build on these successes with the most comprehensive feature set in Zebra's fixed-mount printer series. The bright 4.3-inch full-color touchscreen lets you easily navigate printer settings and check status at a glance. To keep your critical operations running smoothly across a wide range of applications, the ZT600 Series printers:

**Capable of reliable 24/7 operation in harsh environments**

Built to withstand the toughest industrial conditions, the ZT600 Series printers virtually eliminate operational downtime due to printer failure. Plus, they can handle your day-to-day, high-volume production needs, delivering exceptional print quality and speed across a wide range of applications.

**Provides a stable printing experience when printing high-quality small labels**

With highly accurate registration and print line adjustment, the ZT610 delivers 600 dpi label printing for applications such as circuit boards, chips and micro-components, including labels as small as 3 mm in height (length), reducing waste of expensive media due to misprints.

**User-friendly setup, use, maintenance and troubleshooting**

Intuitive Print DNA software powered by Link-OS

="<br>,"<br>="<br>,"</></></font>

, provides outstanding smart features and advanced technologies for advanced connectivity, device management and privacy control. The user-friendly design, including an optional color touch display, simplifies a variety of activities from deployment to daily use to routine maintenance. Compatibility with other printing systems and technologies simplifies integration and management, while onboard sensors, diagnostics and help resources guide the troubleshooting process so users can reduce the number of customer service calls for minor issues.

**A highly adaptable, future-proof platform**

<font style="vertical-align: inherit;"><font style="vertical-align: inherit;">You probably don't want technology that will become obsolete in just a few years. From adaptable design that supports communications, media handling and other field upgrades, to compatibility with SOTI and AirWatch device management software, to intuitive Link-OS operating system applications that simplify updating and reconfiguring as needed, the ZT600 Series is designed with the future in mind.</font></font>

To learn more about the ZT600 Series Industrial Printers, visit [www.zebra.com/zt600](http://www.zebra.com/zt600)  
or visit our global contact directory at [www.zebra.com/contact](http://www.zebra.com/contact)

**<font style="vertical-align: inherit;"><font style="vertical-align: inherit;">Great performance today, ready for tomorrow.</font></font>**

**<font style="vertical-align: inherit;"><font style="vertical-align: inherit;">Superior performance</font></font>**

<font style="vertical-align: inherit;"><font style="vertical-align: inherit;"> • All-metal large-size structural components, designed for long-term all-weather continuous use</font></font>

<font style="vertical-align: inherit;"><font style="vertical-align: inherit;"> • Built-in thermal management features reduce vents and cooling fans, thereby reducing dust and debris from entering the device, providing an excellent printing experience even in harsh environments</font></font>

<font style="vertical-align: inherit;"><font style="vertical-align: inherit;"> • High-quality printing elements and internal components are carefully designed to ensure excellent performance and reliability</font></font>

<font style="vertical-align: inherit;"><font style="vertical-align: inherit;"> • Excellent high-resolution small label printing provides excellent quality for applications</font></font>

<font style="vertical-align: inherit;"><font style="vertical-align: inherit;"> • Long-life printheads reduce replacement costs and printer downtime</font></font>

<font style="vertical-align: inherit;"><font style="vertical-align: inherit;"> • Easily adjustable printhead pressure switch features graduated scale and color-coded pressure indicator to simplify printer setup and operation</font></font>

**<font style="vertical-align: inherit;"><font style="vertical-align: inherit;">User-friendly design facilitates daily operation</font></font>**

<font style="vertical-align: inherit;"><font style="vertical-align: inherit;"> • Simple, intuitive media loading increases printer uptime and reduces training requirements</font></font>

<font style="vertical-align: inherit;"><font style="vertical-align: inherit;"> • Highly visible color display turns red when the printer is in an error state, allowing users to determine the printer status from a distance</font></font>

<font style="vertical-align: inherit;"><font style="vertical-align: inherit;"> • Guided media path changes color when media issues occur, providing simple visual cues to help users quickly locate and resolve issues</font></font>

<font style="vertical-align: inherit;"><font style="vertical-align: inherit;"> • Color LCD interface or optional 4.3-inch full-color touchscreen display allows you to quickly navigate through printer settings using a user-friendly icon menu system to change language, printer settings, connectivity options and more</font></font>

<font style="vertical-align: inherit;"><font style="vertical-align: inherit;"> • Built-in indicator lights illuminate the ribbon and media paths for better visibility</font></font>

<font style="vertical-align: inherit;"><font style="vertical-align: inherit;"> • Color-coded components help users easily identify touchpoints</font></font>

**<font style="vertical-align: inherit;"><font style="vertical-align: inherit;">Insights for a better tomorrow</font></font>**

<font style="vertical-align: inherit;"><font style="vertical-align: inherit;"> • Link-OS Printer Profile Manager Enterprise allows administrators to monitor networked Link-OS printers from a single user-friendly browser interface</font></font>

<font style="vertical-align: inherit;"><font style="vertical-align: inherit;"> • Mobile device management connector to easily integrate networked printers into AirWatch or SOTI Device Management systems</font></font>

<font style="vertical-align: inherit;"><font style="vertical-align: inherit;"> • Link OS Cloud Connect provides a direct, encrypted and secure connection to your printer or local or cloud server</font></font>

<font style="vertical-align: inherit;"><font style="vertical-align: inherit;"> • Zebra's Visibility Services Portfolio enables enterprises to track and analyze printer health, performance and usage to improve business performance</font></font>

**<font style="vertical-align: inherit;"><font style="vertical-align: inherit;">Adapting to a better future</font></font>**

**<font style="vertical-align: inherit;"><font style="vertical-align: inherit;"> • Optional Advanced RFID</font></font> <font style="vertical-align: inherit;"><font style="vertical-align: inherit;"> encoding feature is easy to install and use</font></font>**

<font style="vertical-align: inherit;"><font style="vertical-align: inherit;"> • Field-installable media handling options quickly install via waterproof cable connectors to expand printer capabilities</font></font>

<font style="vertical-align: inherit;"><font style="vertical-align: inherit;"> • Two USB host ports provide flexibility to connect a variety of peripheral devices</font></font>

<font style="vertical-align: inherit;"><font style="vertical-align: inherit;"> • Two open communication slots for quick and easy addition of connectivity options including 802.11ac, parallel, Ethernet, IPv6 and labeler interface</font></font>

**<font style="vertical-align: inherit;"><font style="vertical-align: inherit;">Stable and reliable high-quality Zebra certified supplies</font></font>**

<font style="vertical-align: inherit;"><font style="vertical-align: inherit;"> Printing supplies affect everything from printhead life to operational efficiency. That's why we design, build and rigorously pre-test our line of thermal printing supplies to ensure optimized, reliable performance with Zebra printers, giving you peace of mind. Choose Zebra Certified Supplies for the best in quality, service and thermal printing technology.</font></font>

<font style="vertical-align: inherit;"><font style="vertical-align: inherit;"> • Provides QR codes that quickly link to specific troubleshooting videos for quick issue resolution</font></font>

<font style="vertical-align: inherit;"><font style="vertical-align: inherit;"> • Printheads can be quickly replaced, and easy-to-install/remove plugs simplify maintenance, reduce connection cables, and provide a worry-free maintenance experience</font></font>

<font style="vertical-align: inherit;"><font style="vertical-align: inherit;"> • Upper and lower media sensors are fused and provide the convenience of single knob adjustment while maintaining alignment</font></font>

# Specification

## Feature Comparison

|                        |                                                                                                                                                                                                                    |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Print width up to      | ZT610: 4.09"/104 mm<br>ZT620: 6.6"/168 mm                                                                                                                                                                          |
| Print speed up to      | ZT610 :<br>14 ips/356 mm per second (203 dpi)<br>12 ips/305 mm per second (300 dpi)<br>6 ips/152 mm per second (600 dpi)<br><br>ZT620 :<br>12 ips/305 mm per second (203 dpi)<br>8 ips/200 mm per second (300 dpi) |
| Print resolution (dpi) | 203 dpi/8 dots per mm<br>300 dpi/12 dots per mm (optional)<br>600 dpi/24 dots per mm (optional for ZT610 only)                                                                                                     |

## Standard Features

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"><li>• Printing method: thermal transfer and thermal printing</li><li>• Body frame: Metal frame and double fold door metal media cover with transparent enlarged viewing window</li><li>• Side-access consumables access simplifies media and ribbon loading</li><li>• Thin-film printhead with E3™ Element Energy™ Equalizer for superior print quality</li><li>• Communications: Hi-Speed USB 2.0, RS-232 serial port, Gigabit Ethernet, Bluetooth 4.0</li><li>• Highly visible color display turns red when the printer is in an error state, allowing users to determine the printer status from a distance</li><li>• Simplified icon-based menu navigation system organizes setup options into logical function groups</li></ul> |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## Printer specifications

|                  |                                                                                                                                     |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| operating system | Link-OS <=">,">                                                                                                                     |
| Resolution       | 203 dpi/8 dots per mm<br>300 dpi/12 dots per mm (optional)<br>600 dpi/24 dots per mm (optional for ZT610 only)                      |
| Memory           | 1 GB RAM 内存<br>2 GB 板载线性闪存                                                                                                          |
| 打印宽度可达           | ZT610: 4.09"/104 mm<br>ZT620: 6.6"/168 mm                                                                                           |
| 打印速度可达           | ZT610: 14 ips/每秒 356 mm<br>ZT620: 12 ips/每秒 305 mm                                                                                  |
| 介质传感器            | 双介质传感器：投射式和反射式                                                                                                                      |
| 连续打印长度可达         | ZT610<br>203 dpi: 150"/3810 mm<br>300 dpi: 100"/2540 mm<br>600 dpi: 30"/762 mmZT620<br>203 dpi: 80"/2032 mm<br>300 dpi: 80"/2032 mm |

## 介质特性

|         |                                                                     |
|---------|---------------------------------------------------------------------|
| 介质宽度    | ZT610: 0.79"/20 mm 到 4.5"/114 mm<br>ZT620: 2.0"/51 mm 到 7.1"/180 mm |
| 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                                   |

## Print DNA 软件解决方案

|        |                                                                                                                     |
|--------|---------------------------------------------------------------------------------------------------------------------|
| 开发工具   | 通过更快速、更轻松、更智能地将 Zebra 打印机与您的设备和应用程序集成起来，您的 Zebra 打印解决方案可以在更短的时间内、以更低的成本启动并运行。                                       |
| 管理工具   | 利用 Print DNA 管理工具尽量减少 IT 工作量并尽量加强 IT 控制 — 轻松从不同位置添加并管理不同数量的打印机，从几台打印机到世界各地的数千台打印机。                                  |
| 工作效率工具 | 通过可以简化任务和工作流程、优化设备性能以及在今天便可解决未来打印问题的多项先进技术来取得更佳的工作效率水平。                                                             |
| 可视化工具  | 无论您当前是否已有移动设备管理解决方案，稳健的可视化工具都能让您快速了解打印机的状态、使用情况和性能等                                                                 |
|        | 型号不同的 Print DNA 功能不尽相同，可能需要签署支持合同。如需了解详情，请访问：<br><a href="http://www.zebra.com/printdna">www.zebra.com/printdna</a> |

## 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。<br>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。<br>支持 XML 的打印-可使用 XML 通信来打印条码标签。 |
|------------------------------------------------------------------------------------------------------------------------------------------------|

## 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<br>二维条码：Codablock、PDF417、Code 49、DataMatrix、MaxiCode、QR码、TLC 39、MicroPDF、RSS-14 (和复合码)、Aztec |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## 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<br>亚洲和其他国际可扩展平滑位图字体<br>Unicode™：适用于多语言打印<br>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<br>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 0<br>支持 0 号字体的 Code Page 1250、1252、1253、1254、1255<br>32 MB 用户可用 DRAM<br>512 MB 用户可用的板载内存 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## 选件和附件

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 连接性 • Two open communication slots can be used to add 802.11ac, parallel, Ethernet and labeling device expansion interfaces. IPv6 option available as an external dongle attached to the parallel portMedia handling • Rewind: Built-in 3" core, can rewind printed labels, can also peel and rewind the backing paper • Cutter: Front mounted guillotine cutter and catch tray • The ink side of the ribbon supply shaft faces inward.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 that automatically selects encoding settings to suit your needsDisplay • Bright 4.3-inch full-color touch display provides clear navigation, current status visualization, and supporting informationKeyboard display unit • ZKDU™ keyboard display unit for use in standalone printing applications |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

# Markets and Applications

## manufacturing

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

## Transport and logistics

- Order picking/packing
- Delivery/Collection
- Cross-docking
- Compliance marking

## Retail

- Distribution Center
- Back warehouse operation

## Healthcare

- Laboratory Label
- Blood Bank Labeling
- Asset Tracking
- Drug labeling

介质特性

|      |                   |
|------|-------------------|
| 介质类型 | 连续纸、模切纸、有凹口的纸、黑标纸 |
|------|-------------------|

碳带特性

|      |                                                                      |
|------|----------------------------------------------------------------------|
| 标准长度 | 1476'/450 m                                                          |
| 宽度   | ZT610: 0.79"/20 mm 到 4.33"/110 mm<br>ZT620: 2.0"/51 mm 到 6.7"/170 mm |
| 卷芯   | 1.0"/25.4 mm (内径)                                                    |

操作特性

|      |                                                                                                                                                      |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| 环境   | 工作温度：<br>• 热转印 = 40°F 到 104°F/5°C 到 40°C<br>• 热敏 = 32°F 到 104°F/0°C 到 40°C<br>操作湿度：20% 到 85%，无冷凝存储/运输温度：-22F 到 140F/-30C 到 60C<br>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 61000-3-3cTUVus、CE 标志、F CC-B、ICES-003、VCCI、C-Tick、NOM、S-Mark (Arg)、CCC、CU、BSMI、KCC、SABS、IN-Metro |

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   |

Recommended services

Visibility and Control  
Operational and Asset Visibility Services (OVS/AVS) complement your business technology investments by providing you with deep insight into the status, utilization, and functionality of your Link-OS-powered printing systems that are critical to your core processes. Plus, with Printer Profile Manager Enterprise, you can take control of your devices by managing settings, firmware, and more, onsite or remotely.

Zebra OneCare <=">,">=">,">Services  
To achieve predictable performance and outstanding business results while reducing unbudgeted repair costs, Zebra OneCare provides expert technical assistance, repair services and software support for your ZT600 Series printers. Choose from a variety of plans to meet your specific operational needs today and as your operations grow.

了解更多产品和行业应用: [www.zebra.com](http://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)



上海  
上海市静安区石门一路 288 号  
兴业太古汇香港兴业中心二座  
2801 & 2807 – 2812 200040  
电话: +86 21 6010 2222  
传真: +86 21 6288 8393

北京  
北京市东城区北三环东路  
36 号环球贸易中心 D 座  
1203-1206 室 100013  
电话: +86 10 5662 2000  
传真: +86 10 5825 7426

广州  
广州市林和西路 9 号  
耀中广场 B3412-3415 室  
510610  
电话: +86 20 3810 7798  
传真: +86 20 3810 7783

成都  
成都市高新区交子大道  
177 号中海国际中心  
B 座 1511 室 610041  
电话: +86 28 8333 7630  
传真: +86 28 8556 6582

南京  
南京市鼓楼区汉中路 2 号  
金陵饭店亚太商务楼  
8 楼 871 室 210005  
电话: +86 25 6610 2619  
传真: +86 25 6610 2619

武汉  
武汉市武昌区中南路 7 号  
中商广场写字楼 A 座  
1817 室 430071  
电话: +86 27 8773 7490  
传真: +86 27 8773 7493

深圳  
广东省深圳市福田区中心  
四路一号嘉里建设广场  
第一座1704室 518048  
电话: +86 755 3305 3911  
传真: +86 755 3651 3950

香港  
香港九龙尖沙咀  
广东道 30 号  
新港中心 2 座 911 室  
电话: +852 3622 2271  
传真: +852 2157 0333

台北  
台北市信义区松高路9号  
统一国际大楼13楼  
110  
电话: +886 2 87299300  
传真: +886 2 87299388