

The Next Generation Xi Series, Now With More Intelligence And Industrial Brawn

Advancing the legacy of their industry-leading Xi Series predecessors, the ZT610 and ZT620 combine rugged durability and exceptional performance on a user-friendly, future-ready platform. These next-generation workhorses are designed to help you navigate the rapidly evolving business technology landscape. So, whether you're concerned about growing production line demands, increasing operational complexities, integrating disparate systems or controlling investment costs, ZT600 Series Industrial Printers have you covered today—and for years to come.

What are the key customer benefit messages of the ZT600?

- 24/7 reliability to eliminate downtime** ZT600 Series printers feature durable, steel structural components to withstand years of abuse and are engineered to withstand extreme temperatures, dust, debris, moisture and other challenging conditions. Zebra's world-renowned, high-quality print mechanisms and internal components give customers outstanding performance, quality and speed across the widest range of applications.
- Micro-Consistent Printing for top-quality small labels** The ZT610 is ideal for applications like electronic component, healthcare, jewelry and cosmetic labeling. Featuring highly precise registration, this printer is designed to consistently and accurately print labels as small as 3 mm at 600 dpi.
- User-friendly design to drastically simplify maintenance & troubleshooting** Every detail of the ZT610 and ZT620 was designed to make customers' lives easier. A standard color screen with an intuitive interface simplifies daily use. Color-illuminated media and ribbon paths streamline routine maintenance, and side-loading capabilities eliminate the hassles of threading. Adjustable media width and pressure toggles easily accommodate more applications. Onboard sensors, diagnostics and help resources reduce the need for technical support. Plus, guided instructions and feedback eliminate common errors and reduce manual adjustments for highly consistent printing.

What are the target markets and applications for the ZT600?

Manufacturing	<ul style="list-style-type: none"> • Work in process • Product ID/serial numbers • Package labeling • Receiving/put away labeling
Transportation & Logistics	<ul style="list-style-type: none"> • Order picking / packing • Shipping / receiving • Cross docking • Compliance labeling
Healthcare	<ul style="list-style-type: none"> • Laboratory labeling • Blood bank labeling • Asset tracking • Pharmacy labeling
Retail	<ul style="list-style-type: none"> • Distribution centers • Back-of-store operations

ZT600 Series Industrial Printers

FREQUENTLY ASKED QUESTIONS



Zebra offers media and ribbon specifically designed to meet the requirements of the target markets. Always recommend Zebra supplies when discussing the printer with customers.

How do the features of the ZT600 Series compare to the Xi4?

Features	ZT610™		110Xi4™		ZT620™		170Xi4™	
Maximum Print Speed (per second)	203 dpi	14" / 356 mm	203 dpi	14" / 356 mm	203 dpi	12" / 305 mm	203 dpi	12" / 305 mm
	300 dpi	12" / 305 mm	300 dpi	12" / 305 mm	300 dpi	8" / 203 mm	300 dpi	8" / 203 mm
	600 dpi	6" / 152 mm	600 dpi	6" / 152 mm	N / A		N / A	
Maximum Print Width	4.09" / 104 mm		4.09" / 104 mm		6.6" / 168 mm		6.6" / 168 mm	
Standard Connectivity	<ul style="list-style-type: none"> Serial USB 2.0 Gigabit Ethernet USB Host (2) Bluetooth® 4.0 		<ul style="list-style-type: none"> Serial Parallel USB 2.0 Internal ZebraNet™ 10/100 Print Server 		<ul style="list-style-type: none"> Serial USB 2.0 Gigabit Ethernet USB Host (2) Bluetooth® 4.0 		<ul style="list-style-type: none"> Serial Parallel USB 2.0 Internal ZebraNet™ 10/100 Print Server 	
Optional Connectivity	<ul style="list-style-type: none"> Parallel 802.11a/c Applicator Port IPv6 Bluetooth® LE 		<ul style="list-style-type: none"> Wireless Applicator Port ZebraNet™ 802.11b/g Print Server 		<ul style="list-style-type: none"> Parallel 802.11a/c Applicator Port IPv6 Bluetooth® LE 		<ul style="list-style-type: none"> Wireless Applicator Port ZebraNet™ 802.11b/g Print Server 	
Standard RAM	1 G		16 MB		1 G		16 MB	
Standard Flash	2 G		64 MB		2 G		8 MB	
Processor	Cortex A9 800 MHz		32 bit 133 MHz RISC		Cortex A9 800 MHz		32 bit 133 MHz RISC	
User Interface	<ul style="list-style-type: none"> Color LCD 		<ul style="list-style-type: none"> Backlit LCD 		<ul style="list-style-type: none"> Color LCD 		<ul style="list-style-type: none"> Backlit LCD 	
Link-OS™ Enabled	Yes		No		Yes		No	
User Setup and Maintenance	<ul style="list-style-type: none"> Print Touch Dynamic QR Codes Wizard Path Lights 		None		<ul style="list-style-type: none"> Print Touch Dynamic QR Codes Wizard Path Lights 		None	

What products do the ZT600 industrial printers replace?

CURRENT MODEL	REPLACEMENT MODEL
110Xi4 (4"/104 mm print width)	ZT610 (4"/104 mm print width)
140Xi4 (5"/128 mm print width)	<ul style="list-style-type: none"> No direct replacement; this model will be phased out Customers that require 5"/128 mm print width move to the ZT620
170Xi4 (6.6"/168 mm print width)	ZT620 (6.6"/168 mm print width)
220Xi4 (8.5"/216 mm print width)	<ul style="list-style-type: none"> No direct replacement Zebra will continue to offer this model
R110Xi4 (4"/104 mm print width)	ZT610 (4"/104 mm print width) <ul style="list-style-type: none"> The R110Xi4 will be replaced by the ZT610, however there will not be a designation in the model name for the RFID model (no RZT610) ZT620 (6.6"/168 mm print width) <ul style="list-style-type: none"> We will now offer optional RFID encoding in a 6.6" print width

How does the ZT600 Series differ from my current Xi4?

The ZT600 maintains the industry leading durability and print quality of the Xi4 Series. However, the ZT600 includes Link-OS to provide significantly more monitoring and management capabilities. Additional printer monitoring capabilities are provided by OVS and AVS. In addition, the ZT600 offers a number of ease of use enhancements including side loading ribbon and media loading.

What are some of the features that make the ZT600 easier to setup and use?

- Easy-adjust printhead pressure toggles feature a scale and color-coded pressure indicators to simplify printer setup and operation
- Guided media paths change color when a media error occurs, providing simple visual cues to help users locate and resolve problems quickly
- Interior cabinet light illuminates ribbon and media paths for optimal visibility
- Color-coded components enable easy identification of all touch points
- QR codes link to error-specific help videos for fast problem resolution
- Quick-change printhead simplifies maintenance with easy-in/easy-out socket, no wires—and no hassles
- Fused upper and lower media sensors offer the convenience of single- knob adjustment without compromising alignment

What is the duty cycle of the ZT600 Series printers?

The printers are designed to operation 24x7, just like their Xi4 series predecessors.

Are the ZT600 Series printers backward compatible with other Zebra printers?

The printer has resident ZPL which allows for seamless integration into legacy and current installations. You can swap your older ZPL based printers or add to existing applications. EPL is also available as an option for the ZT600 Series printers

Can I add a cutter or rewind/peel to a ZT600 Series industrial printer?

Yes. The printer can be upgraded in the field by a Zebra reseller or end-user to suit the application. This is now a simple, in-field task that only takes a matter of minutes. All upgrade kits come with the necessary Torx tool so upgrades are fast and easy.

What connectivity is available?

The ZT600 Series printers come standard with Serial, Gigabit Ethernet, USB, USB Host and Bluetooth 4.0. Optional user-installed 802.11 ac wireless, applicator port, parallel and IPv6

What options and accessories are available for the ZT600 Series?

- Advanced RFID encoding capabilities are easy to install in the field
- Field-installable cutter or full roll rewind/peeler with liner rewind utilize bulkhead electrical connectors for quick installation. The cutter can be used with tag stock or to cut through liner material. It is not intended to cut through adhesive and should not be used with linerless labels.
- Two open communication slots for fast and easy addition of connectivity options including 802.11 ac, parallel, Ethernet, IPv6 and applicator interface

Does the ZT610 offer a 600 dpi print resolution option?

Yes, this is a factory installed option on the ZT610 only. The ZT610 is ideal for micro consistent printing applications for labels as small as 3 mm. The registration tolerances are listed in the ZT600 Series Technical Specifications.

What display is offered on the ZT600 Series?

Highly visible color display that turns red when the printer is in an error state to allow operators to determine printer status from a distance. The ZT600 Series printers use an intuitive menu structure for ease of setup and use. Further details on the operator controls can be found in the user guide.

Can I get an RFID enabled ZT600 Series?

Yes, both the ZT610 and ZT620 offer optional UHF RFID encoding.

What is Print Touch?

The Near Field Communication (NFC) Print Touch feature of the Link-OS enabled ZT600 Series printers allows quick access to helpful information. Print Touch supports:

- Application launching on NFC-enabled mobile devices
- Printer support web page launching to provide easy access to Zebra's how-to videos and product support
- Simple tap-to-pair with NFC-enabled devices

Do you have a setup utility for use with my mobile device?

Yes, the Zebra Mobile Setup Utility application is available for Android devices. This utility will allow the user to view and configure printer settings. Visit Zebra.com for more information.

Do you have a mobile print utility?

Yes, additional Link-OS applications including Print Connect, Test Connect, and Print Station are available from the Zebra App Gallery at appgallery.zebra.com.

What is the USB host used for?

The USB host currently supports the USB Mirror functionality to provide an easy way to upgrade printer firmware or execute command files using a USB flash drive. Further details can be found in the ZT600 user manual.

Can I connect my scanner or keyboard to the USB Host?

No. The USB host currently supports a USB drive only at this time.

Can I use my existing media and ribbons in the ZT600 Series?

Yes. Common media handling means that your Zebra media used in any 4" industrial printer can be used in the new ZT600 Series printer.

Can I use fan-fold media in the ZT600 Series printers?

Yes, the printers support the use of externally fed media via way of the letterbox apertures at the back or the bottom of the printer.

Can the ZT610 fit in an enclosure designed for the 110Xi4?

Yes, the external dimensions and label out location are the same as the 110Xi4. The ZT600 offers a bi-fold door as standard equipment to reduce the amount of space required to access the interior of the printer.

Can the ZT600 printer support Asian fonts?

The printer's Unicode capabilities can be utilized for true global character printing. If however, a specific font pack such as Japanese, Chinese, and Korean is required, then please refer to the printer price list for details of the available font packs. Chinese printer configurations include the Simplified Chinese SimSun font pre-installed.

Does the printer have Energy Star approval?

Yes. The printer is Energy Star Certified and meets Energy Efficiency Level VI.

Do you have any tutorial videos?

Yes, the ZT610 and ZT620 printer "how to" support videos can be viewed online at www.zebra.com/zt600-info.

How do I access new or updated drivers?

Drivers are included on the user CD that came with the printer and can be downloaded from the Zebra website at Zebra.com

What is the warranty for the printer?

Standard Zebra warranty is one year.

What is included in the box?

Printer, power supply, power cord, USB cable, Quick Start Guide, printer manual on CD, safety guide and warranty card.