



## ZT400 Series vs. Z Series

The ZT400™ Series printers are rugged and loaded with features allowing for use in the widest array of manufacturing, transportation and logistics, healthcare and retail applications. Advancing the series with the 4-inch ZT411 and 6-inch ZT421, these printers are a direct replacement for the ZT410 and ZT420 and include a large full-color touch display to see status at a glance and make quick settings changes. Upgrade RFID, including on-metal asset labeling\*, along with communication and media-handling capabilities in the field in minutes. Building on the reliability of the Z Series™, ZT400 Series printers include enhancements in print speed, connectivity options, management, support tools and more.

### Ease of Use

- 4.3-inch full-color touch display enables users to see status at a glance and make settings changes with a touch
- Dynamic QR codes provide “on-demand,” web-based support—including video access—to resolve printer errors quickly
- Easily configure your printer using the intuitive setup wizards with step-by-step instructions and animations
- Toolless platen and printhead enable fast, technical-free maintenance
- Lighted media and ribbon paths make it easy to see inside the printer, even in poorly lit environments

### Application Flexibility

- Exceptional range of media capabilities and media delivery options
- End-user-installable media handling options
- Standard Serial, USB, Ethernet and Bluetooth® 4.1 — as well as two open media slots
- Add connectivity options to match your needs, including applicator interface cards and dual band 802.11ac Wi-Fi® with Bluetooth 4.1, along with Parallel, Ethernet and IPv6\*\*

### Easy to Manage

- Zebra’s Print DNA suite of applications, utilities and developer tools—all powered by Link-OS®—deliver enhanced capabilities to integrate, manage and maintain your printer from any location
- Cloud Connect allows Link-OS printers to securely and directly interact with the Cloud for printing and device management
- Profile Manager enables you to edit and manage one printer, batches of printers or all Link-OS printers across your network anywhere in the world

### Enhanced Design

- 14 ips maximum print speed
- Expanded RFID capabilities—including on-metal\* asset tagging—are easy to install in the field, and simple to use with the updated RFID menu on the color touch display
- Bi-fold media door decreases overall operating space by 35%
- Increased processing power and user memory
- Ensure optimal print quality with the printhead element out detection feature
- Directly connect a wide range of USB devices with dual USB host ports, including a memory stick, scanner or keyboard

# Printer Comparison



Features	ZT411		ZM400		ZT421		ZM600	
<b>Maximum Print Speed</b> (per second)	203 dpi	14" / 356 mm	203 dpi	10" / 254 mm	203 dpi	12" / 305 mm	203 dpi	10" / 254 mm
	300 dpi	10" / 254 mm	300 dpi	8" / 203 mm	300 dpi	10" / 254 mm	300 dpi	8" / 203 mm
	600 dpi	4" / 102 mm	600 dpi	4" / 102 mm	N / A		N / A	
<b>Maximum Print Width</b>	4.09" / 104 mm		4.09" / 104 mm		6.6" / 168 mm		6.6" / 168 mm	
<b>Standard Communications</b>	<ul style="list-style-type: none"> <li>Ethernet</li> <li>Serial</li> <li>USB 2.0</li> <li>Bluetooth 4.1<sup>1</sup></li> <li>Dual USB Host<sup>2</sup></li> <li>Two open communication slots</li> </ul>		<ul style="list-style-type: none"> <li>USB 2.0</li> <li>Serial</li> <li>Parallel</li> </ul>		<ul style="list-style-type: none"> <li>Ethernet</li> <li>Serial</li> <li>USB 2.0</li> <li>Bluetooth 4.1<sup>1</sup></li> <li>Dual USB Host<sup>2</sup></li> <li>Two open communication slots</li> </ul>		<ul style="list-style-type: none"> <li>USB 2.0</li> <li>Serial</li> <li>Parallel</li> </ul>	
<b>Optional Communications</b>	Two open communication slots to add internal cards for: <ul style="list-style-type: none"> <li>Dual band 802.11ac Wi-Fi and Bluetooth</li> <li>Parallel (bi-directional interface)</li> <li>10/100 Ethernet</li> <li>IPv6<sup>**</sup></li> <li>Applicator interface</li> </ul>		<ul style="list-style-type: none"> <li>Ethernet</li> <li>Wireless 802.11b/g</li> </ul>		Two open communication slots to add internal cards for: <ul style="list-style-type: none"> <li>Dual band 802.11ac Wi-Fi and Bluetooth</li> <li>Parallel (bi-directional interface)</li> <li>10/100 Ethernet</li> <li>IPv6<sup>**</sup></li> <li>Applicator interface</li> </ul>		<ul style="list-style-type: none"> <li>Ethernet</li> <li>Wireless 802.11b/g</li> </ul>	
<b>Standard RAM</b>	256 MB RAM memory (8 MB user available)		16 MB SDRAM		256 MB RAM memory (8 MB user available)		16 MB SDRAM	
<b>Standard Flash</b>	512 MB Flash memory (64 MB user available)		8 MB Flash (2 MB user available)		512 MB Flash memory (64 MB user available)		8 MB Flash (2 MB user available)	
<b>Optional Memory</b>	N / A		64 MB Flash (58 MB user available)		N / A		64 MB Flash (58 MB user available)	
<b>Processor</b>	ARM Cortex A7 processor <sup>4</sup>		32 bit		ARM Cortex A7 processor <sup>4</sup>		32 bit	
<b>User Interface</b>	4.3-inch full-color touch display with intuitive user interface <sup>3</sup>		Back-lit, multiline graphic LCD display		4.3-inch full-color touch display with intuitive user interface <sup>3</sup>		Back-lit, multiline graphic LCD display	
<b>Link-Os<sup>®</sup> Enabled</b>	Yes		No		Yes		No	
<b>User Set Up and Maintenance</b>	<ul style="list-style-type: none"> <li>Print Touch</li> <li>Dynamic QR codes</li> <li>Onboard wizards drive easy out-of-the-box setup</li> </ul>		None		<ul style="list-style-type: none"> <li>Print Touch</li> <li>Dynamic QR codes</li> <li>Onboard wizards drive easy out-of-the-box setup</li> </ul>		None	
<b>Print Quality</b>	<ul style="list-style-type: none"> <li>Thin film printhead with E3<sup>™</sup> Element Energy<sup>™</sup> Equalizer</li> <li>Printhead element out detection and alert<sup>5</sup></li> </ul>		Thin film printhead with E3 <sup>™</sup> Element Energy <sup>™</sup> Equalizer		<ul style="list-style-type: none"> <li>Thin film printhead with E3<sup>™</sup> Element Energy<sup>™</sup> Equalizer</li> <li>Printhead element out detection and alert<sup>5</sup></li> </ul>		Thin film printhead with E3 <sup>™</sup> Element Energy <sup>™</sup> Equalizer	
<b>RFID</b>	<ul style="list-style-type: none"> <li>Factory- or easily field-installable by an end user</li> <li>On-metal version (factory- or field-installable) on the ZT411; not available on 600 dpi model</li> </ul>		<ul style="list-style-type: none"> <li>Factory installed or field-installable by a trained technician</li> </ul>		<ul style="list-style-type: none"> <li>Factory- or easily field-installable by an end user</li> </ul>		<ul style="list-style-type: none"> <li>Factory installed or field-installable by a trained technician</li> </ul>	

1. ZT410 and ZT420 feature Bluetooth 2.1 2. ZT410 and ZT420 feature a single USB host port 3. ZT410 and ZT420 feature a back-lit, multiline graphical LCD display 4. The ZT410 and ZT420 included a 32 bit, 400 MHz processor. 5. Printhead element out detection not available on the ZT410 and ZT420.

\*ZT411 only (not available on the 600 dpi model) \*\*Requires Parallel Specifications subject to change without notice.



**NA and Corporate Headquarters**  
+1 800 423 0442  
inquiry4@zebra.com

**Asia-Pacific Headquarters**  
+65 6858 0722  
contact.apac@zebra.com

**EMEA Headquarters**  
zebra.com/locations  
contact.emea@zebra.com

**Latin America Headquarters**  
+1 847 955 2283  
la.contactme@zebra.com