

ZT411/ZT421

Product Comparison

ZT411/ZT421 vs. ZM400/ZM600

What is the ZT411/ZT421?

Field-proven for reliability, the 4-inch ZT411 and 6-inch ZT421 seamlessly continue Zebra's legacy of durable mid-range industrial printers, offering a compelling upgrade from the ZM400 and ZM600 models. Building on the strengths of the ZT410 and ZT420, these latest ZT400 Series printers represent a significant leap forward. Upgrading today ensures access to readily available replacement parts and technical support, minimizes downtime, and enables the latest security updates—keeping operations efficient, secure, and adaptable in today's dynamic market.



Explore the ZT400 Difference



Ease of Use

- 4.3-in. 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 802.11ax Wi-Fi™ with Bluetooth 5.3, along with Parallel, Ethernet and IPv6**
- Get up to 50% more labels per roll and reduce waste with ZT411 linerless option and ZeroLiner labels



Easy to Manage

- Zebra 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
- Built into the operating system, Cloud Connect allows Link-OS printers to securely and directly interact with cloud-based apps for printing and device management
- Printer Profile Manager Enterprise 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

Feature Comparison: ZT400 Series vs. Z-Series



Features	ZT411	ZM400	ZT421	ZM600
Printing				
Print Resolution	203 dpi 300 dpi 600 dpi	203 dpi 300 dpi 600 dpi	203 dpi 300 dpi	203 dpi 300 dpi
Maximum Print Speed	<ul style="list-style-type: none"> • 14 ips (203 dpi) • 10 ips (300 dpi) • 4 ips (600 dpi) 	<ul style="list-style-type: none"> • 10 ips (203 dpi) • 8 ips (300 dpi) • 4 ips (600 dpi) 	<ul style="list-style-type: none"> • 12 ips (203 dpi) • 10 ips (300 dpi) 	<ul style="list-style-type: none"> • 10 ips (203 dpi) • 8 ips (300 dpi)
Maximum Print Width	4.09 in./104 mm	4.09 in./104 mm	6.6 in./168 mm	6.6 in./168 mm
User Interface	4.3-in. full-color touch display with intuitive user interface	Back-lit, multiline graphic LCD display	4.3-in. full-color touch display with intuitive user interface	Back-lit, multiline graphic LCD display
Processor	ARM Cortex A7 processor	32-bit	ARM Cortex A7 processor	32-bit
Memory	256 MB RAM 512 MB Flash	16 MB RAM 8 MB Flash (Standard) 64 MB Flash (Optional)	256 MB RAM 512 MB Flash	16 MB RAM 8 MB Flash (Standard) 64 MB Flash (Optional)
Link-OS Enabled	Yes	No	Yes	No
Print Quality	<ul style="list-style-type: none"> • Thin film printhead with E3™ Element Energy™ Equalizer • Printhead element out detection and alert 	<ul style="list-style-type: none"> • Thin film printhead with E3™ Element Energy™ Equalizer 	<ul style="list-style-type: none"> • Thin film printhead with E3™ Element Energy™ Equalizer • Printhead element out detection and alert 	<ul style="list-style-type: none"> • Thin film printhead with E3™ Element Energy™ Equalizer
User Set Up and Maintenance	Print Touch; Dynamic QR codes; Onboard wizards drive easy out-of-the-box setup	None	Print Touch; Dynamic QR codes; Onboard wizards drive easy out-of-the-box setup	None
Connectivity				
Standard Connectivity	<ul style="list-style-type: none"> • Dual USB Host • USB • Serial Port • Ethernet • Bluetooth 4.1 • Two open communication slots 	<ul style="list-style-type: none"> • USB • Serial Port • Parallel 	<ul style="list-style-type: none"> • Dual USB Host • USB • Serial Port • Ethernet • Bluetooth 4.1 • Two open communication slots 	<ul style="list-style-type: none"> • USB • Serial Port • Parallel
Optional Connectivity	Two open communication slots to add internal cards for: <ul style="list-style-type: none"> • Dual band 802.11ax Wi-Fi and Bluetooth 5.3 • Dual band 802.11ac Wi-Fi and Bluetooth 4.2 • Parallel (bi-directional interface) • 10/100 Ethernet • IPv6** • Applicator interface 	<ul style="list-style-type: none"> • Ethernet • Wireless 802.11b/g 	Two open communication slots to add internal cards for: <ul style="list-style-type: none"> • Dual band 802.11ax Wi-Fi and Bluetooth 5.3 • Dual band 802.11ac Wi-Fi and Bluetooth 4.2 • Parallel (bi-directional interface) • 10/100 Ethernet • IPv6** • Applicator interface 	<ul style="list-style-type: none"> • Ethernet • Wireless 802.11b/g
Options and Media Handling				
UHF RFID	Factory installed or easily field-installable by an end user	Factory installed or field-installable by a trained technician	Factory installed or easily field-installable by an end user	Factory installed or field-installable by a trained technician
Linerless	Factory installed or easily field-installable by an end user	None	None	None

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



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