

Side-by-Side Comparison

ZE511 and ZE521 vs. ZE500 Series



ZEBRA

What's New in the ZE511 and ZE521?



More Intuitive User Interface

- Rotatable 4.3-inch full-color LCD touch screen can be remotely located, up to 2 meters
- See printer status at a glance, access wizards to quickly setup and get printing, as well as change settings with the press of a finger



Best-in-class Print Speeds and Resolution

- Keep your lines at optimal production with faster print speeds, up to 18 inches per second
- Get the sharpest print resolution with optional 600 dpi*



Print DNA – only from Zebra

- Our exclusive software suite makes Zebra printer easy to setup, secure, manage and maintain – onsite or remotely
- Power future technologies and printing capabilities



Expanded RFID printing and encoding

- Add field-installable 4-inch or 6-inch RFID capabilities
- Zebra's exclusive technology and new algorithms make calibration easy and offer greater media flexibility
- Adaptive encoding technology eliminates complex and complicated placement guidelines
- Accurately encode smaller labels spaced closely together



Makes Maintenance Easy

- Quickly access internal components via a hinged cage system with more interior workspace
- Replace printheads in seconds without the need for tools with the quick-release tab and socketed design that eliminates connectors
- Use onboard analytics to predict and schedule maintenance to prevent unexpected downtime



Simple, Speedy Setup

- Provision printers quickly and easily by mirroring using a USB flash
- Or, configure using a mobile device with NFC and Zebra's Printer Setup Utilities

ZE511 and ZE521 vs. ZE500 Series

Mission critical doesn't compromise – neither do Zebra print engines. For the 24/7/365 operation your lines require, you need more than just durable operation. Push the limits with all-metal construction, best-in-class print speeds, RFID printing and encoding, expedited maintenance and more. Raise the bar. A Zebra print engine won't let you down.



*Available on the ZE511 model only






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ZE511 / ZE521 VS. ZE500 SERIES

Features	ZE511	ZE521	ZE500 SERIES
			
Printing			
Models	Direct Thermal/Thermal Transfer RFID Direct Thermal/Thermal Transfer Right- or Left-hand Models	Direct Thermal/Thermal Transfer RFID Direct Thermal/Thermal Transfer Right- or Left-hand Models	Direct Thermal/Thermal Transfer RFID (4-inch only) Right- or Left-hand Models
Maximum Print Width	4.09 in./104 mm	6.6 in./168 mm	ZE500-4: 4.09 in./104 mm ZE500-6: 6.6 in./168 mm
Print Speed	18 ips/457 mm per second @ 203 dpi 14 ips/356 mm per second @ 300 dpi 6 ips/152 mm per second @ 600 dpi	14 ips/356 mm per second @ 203 dpi 12 ips/305 mm per second @ 300 dpi	ZE500-4: 12"/305 mm per second (203 and 300 dpi) ZE500-6: 12"/305 mm per second (203 dpi) 10"/254 mm per second (300 dpi)
Print Resolution	200 dpi, 300 dpi or 600 dpi	203 dpi or 300 dpi	203 dpi or 300 dpi
User Interface	Large, rotatable 4.3-inch, full-color LCD touch screen that can be remotely located, up to two meters	Large, rotatable 4.3-inch, full-color LCD touch screen that can be remotely located, up to two meters	Large, graphical display with simple five-button menu can be rotated or remotely located, up to two meters
Sensors	Adjustable transmissive and fixed reflective	Adjustable transmissive and fixed reflective	Adjustable transmissive and fixed reflective
Memory	512 MB Flash; 512 MB SDRAM User Available: 64 MB Flash, 8 MB SDRAM	512 MB Flash; 512 MB SDRAM User Available: 64 MB Flash, 8 MB SDRAM	64 MB Flash; 16 MB SDRAM
Operating System	Link-OS®	Link-OS®	ZebraLink™
Connectivity			
USB Host	Dual USB Host	Dual USB Host	Not available
USB	USB v2.0	USB v2.0	USB v2.0
Serial (RS232)	Standard	Standard	Standard
Parallel	Standard	Standard	Standard
Ethernet	Standard	Standard	Standard
Bluetooth®	Bluetooth 4.1	Bluetooth 4.1	Not available
Applicator Interface	Standard	Standard	Standard
Optional	Open internal communication slot to add: •Parallel port option card •Dual band 802.11ac Wi-Fi and Bluetooth option card •10/100 Ethernet option card	Open internal communication slot to add: •Parallel port option card •Dual band 802.11ac Wi-Fi and Bluetooth option card •10/100 Ethernet option card	ZebraNet b/g Print Server
Printer Languages			
Printer Languages	ZPL, emulations with Virtual Devices	ZPL, emulations with Virtual Devices	ZPL



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