

ZT400 Series Industrial Printers

Compare Models



Models ZT411 Linerless

Models ZT411

Models ZT411 RFID

Quick Look

Description	Engineered for minimal adhesive buildup, the linerless ZT411 is specifically designed and tested for use with Zebra ZeroLiner labels. With linerless you can boost productivity with up to 50% more labels per roll, minimizing downtime from roll changes and eliminating the hassle of peeling backing liners. Embrace sustainability with reduced waste and CO2 emissions, thanks to the elimination of backing liners and reduced material usage.	Loaded with advanced features, the ZT411 is ideal for a wide array of applications with print widths up to 4 inches (104 mm). Field-installable connectivity, media handling and RFID options let you easily add new features as your needs evolve. Available in 203 dpi, 300 dpi, and 600 dpi.	Gain a competitive edge with greater tracking abilities, deeper visibility, and enterprise insights with the ZT411 RFID printer/encoder. Ideal for mid-to high-volume printing with print widths up to 4 inches (104 mm). Available in 203 dpi, 300 dpi, and 600 dpi. Zebra's ZT411 RFID On-metal Tagging Solution is optimized to print and encode Silverline labels required for metal asset tracking.
Positioning	Mid-Range	Mid-Range	Mid-Range
Applications	<ul style="list-style-type: none"> Asset Tracking Inventory Management Laboratory Management Shipping and Receiving Work in Progress 	<ul style="list-style-type: none"> Asset Tracking Compliance Labeling Inventory Management Shipping and Receiving Pallet Labeling 	<ul style="list-style-type: none"> Asset Tracking Compliance Labeling Inventory Management Shipping and Receiving Pallet Labeling
Industries	<ul style="list-style-type: none"> Transportation and Logistics Warehouse and Distribution Retail Healthcare 	<ul style="list-style-type: none"> Healthcare Manufacturing Retail Transportation and Logistics 	<ul style="list-style-type: none"> Healthcare Manufacturing Retail Transportation and Logistics



Key Product Features	<ul style="list-style-type: none"> • Print Width: 4 in. • Print Technology: Direct Thermal • Print Speed: 14 ips (356 mm/s) • Print Resolution: 203 dpi (8 dot/mm), 300 dpi (12 dot/mm), 600 dpi (24 dot/mm) • Connectivity: Bluetooth 4.1, Wi-Fi 6 (802.11ax) with Bluetooth 5.3 (optional), Wi-Fi 5 (802.11ac) with Bluetooth 4.2 (optional) 	<ul style="list-style-type: none"> • Print Width: 4 in. • Print Technology: Direct Thermal, Thermal Transfer Roll • Print Speed: 14 ips (356 mm/s) • Print Resolution: 203 dpi (8 dot/mm), 300 dpi (12 dot/mm), 600 dpi (24 dot/mm) • Connectivity: Bluetooth 4.1, Wi-Fi 6 (802.11ax) with Bluetooth 5.3 (optional), Wi-Fi 5 (802.11ac) with Bluetooth 4.2 (optional) 	<ul style="list-style-type: none"> • Print Width: 4 in. • Print Technology: Direct Thermal, Thermal Transfer Roll • Print Speed: 14 ips (356 mm/s) • Print Resolution: 203 dpi (8 dot/mm), 300 dpi (12 dot/mm), 600 dpi (24 dot/mm) • Connectivity: Bluetooth 4.1, Wi-Fi 6 (802.11ax) with Bluetooth 5.3 (optional), Wi-Fi 5 (802.11ac) with Bluetooth 4.2 (optional)
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Physical Characteristics

Dimensions	L x W x H: 19.5 x 10.6 x 12.75 inches (495 x 269 x 324 mm)	L x W x H: 19.5 x 10.6 x 12.75 inches (495 x 269 x 324 mm)	L x W x H: 19.5 x 10.6 x 12.75 inches (495 x 269 x 324 mm)
Weight	36 lbs. (16.33 kg)	36 lbs. (16.33 kg)	36 lbs. (16.33 kg)
Screen Size	4.3 inches (10.9 cm)	4.3 inches (10.9 cm)	4.3 inches (10.9 cm)
Display	Brightly lit, full color	Brightly lit, full color	Brightly lit, full color
Connectivity	<ul style="list-style-type: none"> • Bluetooth 4.1 • Wi-Fi 6 (802.11ax) with Bluetooth 5.3 (optional) • Wi-Fi 5 (802.11ac) with Bluetooth 4.2 (optional) 	<ul style="list-style-type: none"> • Bluetooth 4.1 • Wi-Fi 6 (802.11ax) with Bluetooth 5.3 (optional) • Wi-Fi 5 (802.11ac) with Bluetooth 4.2 (optional) 	<ul style="list-style-type: none"> • Bluetooth 4.1 • Wi-Fi 6 (802.11ax) with Bluetooth 5.3 (optional) • Wi-Fi 5 (802.11ac) with Bluetooth 4.2 (optional)
Ports	<ul style="list-style-type: none"> • Ethernet 10/100 • RS-232 Serial • USB 2.0 • USB Host (two ports) • Communication Slots (two) 	<ul style="list-style-type: none"> • Ethernet 10/100 • RS-232 Serial • USB 2.0 • USB Host (two ports) • Communication Slots (two) 	<ul style="list-style-type: none"> • Ethernet 10/100 • RS-232 Serial • USB 2.0 • USB Host (two ports) • Communication Slots (two)
Input Type	Touch	Touch	Touch

Performance Characteristics

Operating System	Link-OS®	Link-OS®	Link-OS®
Memory	256 MB RAM/512 MB Flash	256 MB RAM/512 MB Flash	256 MB RAM/512 MB Flash
Additional Features	Metal frame and bi-fold metal media cover with enlarged clear viewing window		

Printer Specifications

Media Sensor	<ul style="list-style-type: none">Adjustable dual media sensorsTransmissive and reflective sensors	<ul style="list-style-type: none">Adjustable dual media sensorsTransmissive and reflective sensors	<ul style="list-style-type: none">Adjustable dual media sensorsTransmissive and reflective sensors
Print Speed	14 ips (356 mm/s)	14 ips (356 mm/s)	14 ips (356 mm/s)
Print Width	4 in.	4 in.	4 in.
Print Resolution	<ul style="list-style-type: none">203 dpi (8 dot/mm)300 dpi (12 dot/mm)600 dpi (24 dot/mm)	<ul style="list-style-type: none">203 dpi (8 dot/mm)300 dpi (12 dot/mm)600 dpi (24 dot/mm)	<ul style="list-style-type: none">203 dpi (8 dot/mm)300 dpi (12 dot/mm)600 dpi (24 dot/mm)
Print Technology	Direct Thermal	<ul style="list-style-type: none">Direct ThermalThermal Transfer Roll	<ul style="list-style-type: none">Direct ThermalThermal Transfer Roll
Media Handling options		<ul style="list-style-type: none">PeelerCutterLiner Take UpFull Rewind	<ul style="list-style-type: none">PeelerCutterLiner Take UpFull Rewind

Media Characteristics

Media Roll Outer Diameter	<ul style="list-style-type: none">Outer diameter: 8 inches (203 mm)Core inner diameter: 3 inches (76 mm)	<ul style="list-style-type: none">Outer diameter: 8 inches (203 mm)Core inner diameter: 3 inches (76 mm)	<ul style="list-style-type: none">Outer diameter: 8 inches (203 mm)Core inner diameter: 3 inches (76 mm)
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RFID

RFID Capability		Upgradeable	Yes
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Environment

Operating Temperature	Direct Thermal: 32°F to 104°F (0°C to 40°C)	<ul style="list-style-type: none">Thermal Transfer: 40°F to 104°F (5°C to 40°C)Direct Thermal: 32°F to 104°F (0°C to 40°C)	<ul style="list-style-type: none">Thermal Transfer: 40°F to 104°F (5°C to 40°C)Direct Thermal: 32°F to 104°F (0°C to 40°C)
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