

ZT411 Industrial Printer



Specifications are provided for reference and are based on testing the ZT411™ printer using genuine Zebra® supplies. Results may vary in actual application settings or when using other-than-recommended Zebra supplies. Zebra recommends always qualifying any application with thorough testing.

Rating: Not Rated Yet

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Description

More Standard Features

- Printing
- Thermal transfer and direct thermal printing
- Thin film printhead with E3™ Element Energy™ Equalizer for superior print quality
- 203 dpi print resolution (8 dots / mm)
- Print speed per second up to 14" (356 mm / second)

Printer Specifications

Resolution:

- Printhead 203 dpi (8 dots / mm)
- Printhead 300 dpi (12 dots / mm)
- Printhead 600 dpi (24 dots / mm)

Media Characteristics

Media Types: Continuous, die-cut, notch, black-mark

- Maximum Label and Liner Length:

? 39" (991 mm) non-continuous

— 203 dpi, 300 dpi

? 20" (508 mm) non-continuous

Midrange Printers: ZT411 Industrial Printer

— 600 dpi

- Media Web Width (Label and Liner):
 - ? 1.00" (25.4 mm) to 4.50" (114 mm) Tear / Cutter
 - ? 1.00" (25.4 mm) to 4.25" (108 mm) Peel / Rewind
- Minimum Label Length:
 - ? Tear-off mode: 0.5" (12.7 mm)
 - ? Peel mode: 0.5" (12.7 mm)
 - ? Rewind mode: 0.5" (12.7 mm)
 - ? Cutter: 1.00" (25.4 mm)
- Media Thickness (Label and Liner):
 - ? 0.0023" (0.058 mm) to 0.010" (0.25 mm)
- Maximum Media Roll Dimensions:
 - ? 8.0" (203 mm) O.D. on a 3" (76 mm) I.D. core

Ribbon Characteristics

- Ribbon Width: 2.00" (51 mm) to 4.33" (110mm)
- Maximum Ribbon Length: 1476' (450 m)
- Maximum Ribbon Roll Size: 450 m: 3.2" (81.3 mm) O.D. on a 1.0" (25.4 mm) I.D. core
- Ribbon Wound Ink-side Out: Ribbon wound ink-side in can be used with the optional ribbon spindle

Environmental

Operating Environment:

- ? Thermal transfer = 40° to 104°F (5° to 40°C)
- ? Thermal direct = 32° to 104°F (0° to 40°C)
- ? 20% to 85% non-condensing R.H.
- Storage / Transportation Environment:
 - ? 40° to 140°F (-40° to 60°C)
 - ? 5% to 85% non-condensing R.H

Physical Characteristics

Width: 10.6" (269 mm)
Height: 12.75" (324 mm)
Depth: 19.50" (495 mm)
Weight: 36 lb (16.33 kg)

Options and Accessories

Communication

- Parallel (Bi-directional interface)
- Wireless dual radio with 802.11ac Wi-Fi and Bluetooth 4.1
- 10/100 Ethernet
- Applicator interfac

Media Handling

- Rewind — Internally rewinds a full roll of printed labels on 3" core, or peels and rewinds liner (factory installed only)
- Peel — Choice of two options: ? Front mount, passive peel option ? Liner take-up option — Additional full-roll liner take-up spindle accommodates standard printer base
- Cutter — Front-mount guillotine cutter and catch tray, operates under software control cutting labels individually, or in strips (not compatible with rewind and peel options)
- 1" I.D. Core media supply hanger
- Ink-side-in ribbon supply spindle

RFID

- Fully integrated ThingMagic® UHF EPC Gen 2 V2.0/ISO 18000-63 RFID Reader / Encoder
- Prints and encodes tags with a minimum pitch of 0.6" / 16 mm
- Adaptive Encoding Technology simplifies RFID setup and eliminates complex RFID placement guidelines
- Field-installable on-metal RFID kit available for 203 and 300 dpi

Keyboard Display Unit

- ZKDU - Enter variable data and retrieve stored forms for standalone applications (requires null modem adapter with DB9 serial cable)