

Specifications at a glance*

Standard features

- 8 MB Flash /16 MB SRAM memory
- USB 2.0 serial connection
- 32 bit processor
- Thermal transfer or direct thermal printing modes
- Large LCD
- Drop-in/pop-out media and ribbon loading (see inset)
- Tolerant of multiple drops up to 5' to concrete
- Sensor detects gap, black bar, media, media width, door ajar and ribbon
- Smart battery and ribbon cartridge
- Shoulder strap
- Peeler

Printer specifications

Resolution

300 dpi/8 dots per mm

Memory

8 MB Flash/16 MB SRAM

Max print width

4.09"/104 mm

Print speed

DT: 3"/76.2 mm per second

TT: 1.5"/38.1 mm per second

Media characteristics

Maximum label and liner width

4.12"/104.6 mm

Maximum media roll size

Non-RFID media: 2.6"/66 mm O.D. on a .75"/19.1 mm I.D. core

RFID media: 2.6"/66 mm O.D. on a 1.375"/34.9 mm I.D. core

Media thickness

3.2 mil to 8.5 mil

Media types

Labels and documents up to 4" wide on either synthetic or paper

Ribbon characteristics

Ribbon type

Wax; wax/resin

Standard length

98.4/30 m

Ratio

Approximately 2:1 media to roll to ribbon depending on media thickness

Ribbon width

4.33"/110.0 mm

Operating characteristics

Environmental

- DT Operating Temp.: -4° F/-20° C to 122° F/50° C
- TT Operating Temp.: 32° F/0° C to 113° F/45° C
- Storage Temp.: -22° F/-30° C to 149° F/65° C
- Operating Humidity: 10% to 90% non-condensing

Electrical

7.4V, 4200 mAh rechargeable Li-Ion battery

Agency approvals

EMC: FCC Part 15 and EN55022 Class B limits

Radio approval for BT, 802.11b/g & RFID: FCC, Industry Canada

Safety: IEC 60950, NRTL marking for US & Canada

EU: EMC, LVD, R&TTE Directives

Additional countries being certified. Please check zebra.com for availability.

Physical characteristics

- Width: 7"/177.8 mm
- Height: 8.6"/218.4 mm
- Depth: 3"/76.2 mm
- Weight: 2.9 lbs/1.32 kg with ribbon and battery

ZebraLink™ solutions

Software/Networking/Firmware

Printer Control Language—The P4T/RP4T mobile printer comes equipped with CPCL, ZPL***, EPL™ and XML, ensuring easy integration into existing systems that run Zebra mobile printers without the need for additional software. WML for display programming. **ZPL required for RFID support.

Fonts/Graphics/Symbologies

Fonts and character sets

- Scalable text feature
- Standard resident fonts* can be rotated in 90° increments
- International character set support: US/Canadian English/Latin 1 & 5 (Incl. Turkish), Japanese 16x16, Japanese 24x24, Chinese 16x16 (traditional), Chinese 16x16 (simplified), Chinese 24x24 (simplified), Korean Mincho, Korean Myeong. Others available upon request.

Graphic features

Supports user defined fonts and graphics and logos

Bar code symbologies

- Linear Bar Codes: Code 39, Code 93, UCC/EAN128, Code 128, Codabar (NW-7), Interleaved 2-of-5, UPC-A, UPC-E, 2 and 5 digit add-on, EAN-8, EAN-13, 2 and 5 digit add-on
- 2-Dimensional: PDF417, MaxiCode, QR Code, GS1 DataBar™ (RSS) family, Aztec, MSI/Plessey, FIM Post Net, Data Matrix
- Bar Code Ratios: 1.5:1, 2:1, 2.5:1, 3:1, 3.5:1

* Contains UFST from Monotype Imaging, Inc.

Communication and interface capabilities

- Communication interface: USB 2.0
- Wireless: Bluetooth, short range radio frequency connectivity. Profiles supported: SPP.
- WLAN (802.11b/g) support for the following security protocols: Airbeam Safe VPN, EAP-TLS, EAP-TTLS, LEAP, PEAP, EAP-FAST, WPA with the protocols listed and WPA2-PSK (AES or TKIP).

Options and accessories

- Bluetooth 2.0
- 802.11b/g
- RFID Option
 - Supports passive EPC Class 1 Gen 2 protocol
 - Fully integrated ThingMagic® UHF RFID Reader/Encoder
 - RFID ZPL commands allow ease of RFID setup with maximum flexibility
 - Variable RFID read and write power settings to support a wide variety of inlays
 - RFID counters keep track of good and bad labels
 - Verification and voiding of inlays to prevent usage of bad labels
 - Interoperable with a wide variety of Gen 2 labels and tags
 - Supports extended memory features of newer Gen 2 inlays
- Fanfold support
- AC adapter
- AC single charger
- Quad battery charger
- Vehicle cradle for docking and charging
- RAM* mounting hardware for vehicles or forklifts
- Heavy-duty forklift mount
- DC adapter
- In-vehicle mobile charger
- Nylon soft case
- Spare battery
- Cables

The P4T/RP4T opens easily for a quick and simple change of media and ribbon cartridge.

