



Zebra® RW 420 Mobile Printer

Standard Features

Print Method: Direct thermal

Construction: Impact-modified polycarbonate with fused oil-and-abrasion-resistant rubber overmold (six-foot drop protection)

Smart battery management (monitors battery for longer life and performance)

4 button angled LCD (standard)

Resident scalable fonts

Media Sensors: Bar, gap

Advanced 32 bit architecture for high-speed processing

Standard Serial and USB interfaces

Programming Language: Native CPCL, ZPL, XML and EPL commands supported

Auto-detect firmware load

Printer Specifications

Resolution

203 dpi (8 dots/mm)

Memory

8 MB Flash

16 MB RAM

Print width

4.09" (104 mm) maximum

Print speed

3" (76 mm)/sec

Media Characteristics

Maximum label and liner width

4.12"/105 mm

Minimum label and liner width

2"/51 mm

Media width

2" x 4.12"

Maximum roll diameter

2.25" (57 mm)

Core diameter

.75" (19 mm) or 1.38" (34.9 mm)

Media thickness

.002" (.05 mm) to .0063" (0.16 mm)

Media types

receipt, tag, gap, continuous receipt, continuous

Operating Characteristics**Operating temperature**

DT: Operating temperature -4° F (-20° C) to 131° F (55° C) Direct thermal

Storage temperatures

-22° F (-30° C) to 149° F (65° C)

Operating humidity

10-90% non-condensing

Storage humidity

10-90% non-condensing

Electrical

- * External charging options
- * Shock mounted internal components
- * Standard cable connection: RS-232, RJ-45 10 pin
- * Selectable baud rate: 9600 to 115.2 Kbps
- * Xon/Xoff or hardware flow control (RTS/CTS)
- * USB full speed support, 12 Mbits/second
- * Optional Bluetooth, 802.11g or 802.11b

Lithium Ion

2.0 Ah

7.4 V

Agency approvals

- * FCC Part 15 Class B
- * Canadian ICES-003
- * VCCI
- * NOM/NYCE

- * CE compliance (Class B)
- * C-Tick
- * CSA

Physical Characteristics

Width

6.3" (160 mm)

Height

6.9" (175 mm)

Depth

3.0" (76 mm)

Weight

2.0 lbs (0.907 kg)

Orientation

Center

Related Products

Options

- * Magnetic stripe reader and EMV™ level one certified smart card reader
- * Lithium ion fast AC charger
- * Lithium ion quad charger
- * Lithium ion DC charger with cigarette lighter adapter
- * Fanfold bin
- * Vehicle cradle for docking and charging
- * Ram mount kit
- * Shoulder strap/ hand strap
- * Environmental soft case
- * Fanfold media support
- * Wireless Security Support (ie. 802.11i, VPN, WPA or WPA2)

Communication and Interface Capabilities

- * Optional Bluetooth v. 2.0, 802.11g or 802.11b
- * Standard cable connection: RS-232, RJ-45 10 pin
- * Standard USB 2.0 full speed

Programming Languages

Core programming languages

CPCL-native, ZPL, EPL, EPL2, XML

Bar Codes/Symbologies

Linear

- Code 39
- Code 93
- UCC/EAN-128
- Code 128
- UPC-E
- UPC-A
- EAN-8
- EAN-13
- EAN-14
- UPC and EAN 2 or 5 digit extensions
- Plessey
- FIM
- Postnet
- Interleaved 2-of-5
- MSI
- Codabar

2-dimensional

- PDF417
- Data Matrix
- MaxiCode
- RSS / GS1 DataBar family (12 barcodes)
- QR Code

Fonts and Graphics

Standard Fonts:

- 25 bitmapped, 1 smooth, scalable (CG Triumvirate Bold Condensed);
- Contains UFST from Agfa Monotype Corporation

Optional Fonts:

- Downloadable bitmapped and scalable fonts

International Character Sets (optional):

- Chinese 16x16 (trad), 16x16 (simplified), 24x24 (simplified)
- Japanese 16x16, 24x24
- Hebrew/Arabic

Supports user-defined fonts and graphics--including custom logos