

SPECIFICATIONS AT A GLANCE*

Product Name

RW 420 Print Station

Standard Features

- Charges and holds a Motorola MC70 (MC7004, MC7090, MC7094, MC7095, MC7098), MC75, MC55 or MC65 device—all with up to a 2x battery
- Direct thermal printing of barcodes, text, and graphics
- 8 MB Flash memory for downloadable programs, receipt formats, scalable fonts and graphics
- 16 MB DRAM
- 7.4 V, 4.0 AHr removable, rechargeable Li-Ion battery
- Serial RS-232 (RJ-45)10 pin
- Standard USB 2.0 full speed
- Resident scalable fonts
- Tear bar for easy receipt dispensing
- Supports vertical or horizontal printing
- Power on/off from printer keys, terminal or host
- Center-loading media locking for variable roll widths
- "Clamshell" design for easy loading
- 5-button keypad and LCD
- Smart battery management
- Advanced 32-bit architecture for high speed processing
- Serial communications between handheld and printer (through the palette)
- External DEX communications interface
- Tolerance of multiple drops up to 5' to concrete

Printer Specifications

- Resolution: 203 dpi/8 dots per mm
- Memory: 8 MB Flash
- Max print width: 4.10"/104.1 mm
- Max print length: Continuous
- Print speed: 3"/76.2 mm per second
- Media sensors: Media door open; media out

Media Characteristics

Maximum label and liner width: 4.37"/111 mm
 Maximum media roll size: 2.25"/57 mm O.D. on a 0.75"/19 mm or 1.375"/34.9 mm I.D. core
 Media thickness: .002"/.05 mm to .0063"/.16 mm
 Media types: receipt, tag, gap, continuous receipt

Operating Characteristics

Environmental**

- Operating temperature: -4° F/-20° C to 131° F/55° C
- Storage temperature: -22° F/-30° C to 149° F/65° C
- Operating humidity: 10% to 80%, non-condensing
- Storage humidity: 10% to 90% non-condensing
- IP54 environmental rating (resistance to water and dust)

** Extremes in temperature and label image density may affect throughput and print image quality. Please contact Zebra for guidance to maximize the performance of your solution.

Electrical

- 12 VDC, nominal

Agency Approvals

- FCC Part 15 Class B, ICES-003, VCCI, NOM/NYCE, CE compliance (Class B), C-Tick

Physical Characteristics

- Width: 11.12"/282.4 mm
- Height: 7.62"/193.5 mm
- Depth: 2.83"/71.9 mm
- Weight: 3.25 lbs/1.47 kg with battery, without handheld

ZebraLink™ Solutions

Software

- Label Vista™—Easy-to-use software program for designing label formats
- ZebraNet™ Bridge Enterprise—Centrally manage Zebra printers from a single PC screen anywhere on your global network
- Zebra Universal Driver—The most powerful driver available from Zebra

Networking

- Serial RS-232 (RJ-45)10 pin
- Standard USB 2.0 full speed

Fonts/Graphics/Symbologies

Barcode Ratios

- 1.5:1, 2:1, 2.5:1, 3:1, 3.5:1

Barcode Symbologies

- Linear Barcodes: Code 39, Code 93, UCC/EAN 128, Code 128, UPC-A, UPC-E, EAN-8, EAN-13, EAN 14, UPC and EAN 2 or 5 Digital Extensions, Plessey, FIM Postnet, Interleaved 2 of 5, MSI, Codabar
- 2-Dimensional: PDF-417, DataMatrix, Maxi Code, RSS, Composite Symbology, QR

Standard Fonts

25 bitmapped, 1 smooth, scalable (CG Triumvirate™ Bold Condensed); Contains UFST*

Optional Fonts

- Downloadable bitmapped and scalable fonts

International Character Sets (optional)

- Chinese 16 x 16 (trad), 16 x 16 (simplified), 24 x 24 (simplified), Japanese 16 x 16, 24 x 24, Hebrew/Arabic
- Supports user-defined fonts and graphics—including custom logos

Communication and Interface Capabilities

- Serial interface: 10-pin RJ-45, RS-232C port for one-way or two-way communication to terminal/other host
- Default parameters: Baud Rate-19,200; Parity-None; Data Bits-8; Stop Bits-1; Handshaking-RTS/CTS
- Software (XON/XOFF) or hardware (RTS/CTS) communication handshake protocols

Options and Accessories

Print Station Charging Options

- AC Adapter—Plug into the barrel jack to charge the printer and handheld.
- DC Vehicle Charger—Plug into the barrel jack from a DC power source (either direct wired or a cigarette lighter adapter) to charge the printer and handheld.
- Vehicle Cradle—Allows for docking and charging in the vehicle with an easy pushbutton release to carry the Print Station with you.
- 4-Bay Power Station—Allows for wall-mounted docking and charging with an easy pushbutton release to carry the Print Station with you.

Battery Charging Options (Charging Battery External from Print Station)

- Fast Charger—The LI72 series of fast chargers is the recommended charging method. Average charge time is 2-3 hours. LI72 fast chargers have LEDs to clearly indicate battery status during charging.
- Quad Charger—The quad charger provides a convenient way to charge up to 4 batteries in a single location.

Other Accessories

- Magnetic Stripe Reader
- Wireless Connectivity Option: Bluetooth*



4-Bay Power Station