Zebra® RW 420™ Print Station

ZEBRA TECHNOLOGIES

SEE MORE. DO MORE.

Boost the efficiency and productivity of your mobile workforce with our compact, lightweight and rugged RW 420 Print Station—perfect for your route accounting, direct store delivery, field service/sales, or electronic citation operations.

This price-competitive mobile workforce tool with built-in, easy-to-use RW 420 mobile printer holds your choice of a Motorola® MC70 or MC75 removable mobile computer *(pictured above right)*, and the latest version supports the Motorola MC55 or MC65 *(pictured above left)*. Mobile workers can easily carry the streamlined RW 420 Print Station via shoulder or hand strap to customer visits—

where they can rest the unit on their arm to enter data, conduct transactions via the optional magnetic stripe card reader, and print receipts and other documents. They'll carry less, do more!

In addition, both the printer and mobile computer can charge simultaneously via a single source. Combined with one of the charging options shown on the back, this feature saves you money, saves space in the vehicle or settlement/ field service dispatch center, and saves users time.

Carry Less, Do More

The RW 420 Print Station allows mobile workers to visit more customers and serve them in less time, with fewer devices to carry and fewer trips to the vehicle. The RW 420 Print Station is ideal for printing:

• Receipt/invoices
• Settlement reports
• Load manifests
• Work orders
• Service estimates
• Electronic citations

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