

Zebra® RW 420/RW 220 Thermal Portable Printer



RW 220

RW 420 Vehicle Mount

RW 420

Ram Mount Kit

APPROVALS



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)
- Resistant scalable fonts
- Media sensors: bar, gap
- Advanced 32 bit architecture for high-speed processing
- Standard serial and USB interfaces
- Programming language: native CPCL, ZPL, EPL and XML support (standard)
- Auto-detect firmware load
- Print speed 3 ips

OPTIONS

- Magnetic strip reader and EMVTM 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, VNP, WPA or WPA2)

SPECIFICATIONS

Printer Specifications:

Resolution: 203 DPI (8 dots/mm)
 Memory: 8 MB Flash; 16 MB DRAM
 Print width: 4.09 in (104 mm) maximum
 Print speed: 3 in (76 mm) sec

Media Characteristics:

Maximum label and liner width
 RW 420: 4.12 in/105 mm
 RW 220: 2.37 in/60 mm

Minimum Label And Liner Width:

RW 420: 2 in (51 mm)
 RW 220: 1 in (25 mm)

Maximum Roll Diameter:

2.25 in (57 mm)

Core Diameter:

75 in (19 mm) or 1.38 in (34.9 mm)

Media Type:

Receipt, tag, gap, continuous receipt

Operating Characteristics:

Temperature: -4°F to 131°F (-20°C to 55°C)
 Storage temperature: -22°F to 149°F (-30°C to 65°C)
 Operating/storage humidity:
 10-90% non-condensing

Electrical:

External charger options
 Shock mounted internal components
 Cable connection RS-232 RJ-45 10 pin
 Selectable baud rate 9600 to 115.2 kbps
 Xon / Xoff hardware flow control
 USB full speed support

Agency Approval:

CSA, CE Compliance Class B,
 FCC part 15, Class B

Battery:

Lithium-ion 4.0Ah, 7.4V

Physical Considerations:

Width: 6.3W x 6.9 H 3.0 in D
 Weight: 2.0 lb
 Orientation: center

Programming Languages:

(Default is line mode)
 CDCL, ZPL, EPL, CPCL, 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, Codebar, PDF417, Data Matrix
 MaxiCode, RSS, QR Code

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ZEBRA

PART NUMBER/PRICE

PART #	DESCRIPTION	WEIGHT	PRICE
105143	RW 220, USB serial, 2 in wide, lithium-ion battery	5 lb	Consult
105144	RW 420, USB serial, 4 in wide, lithium-ion battery	5 lb	Consult

OPTIONS/ACCESSORIES

PART #	DESCRIPTION	PRICE
105146	RW 420 Vehicle cradle with built-in DC/DC 9 -30VDC charger and open ended cable	Consult
105145	Ram mount kit and base plate	Consult
105147	RW 220 Vehicle cradle with built-in Lithium-ion DC/DC 12VDC	Consult
105148	RW 220 Vehicle cradle with built-in Lithium-ion DC/DC 9 -30VDC	Consult
105149	RW 220 Vehicle cradle with built-in DC/DC 30 to 60VDC	Consult
105150	Lithium-ion fast charger (charging single battery outside printer)	Consult
111252	Lithium-ion battery, AK18026-002, RW 220	Consult
107163	Lithium-ion battery AK17463-005, RW 420	Consult
105151	Serial, RJ-45 interlocking PC cable	Consult
106442	RJ-45 blunt end cable to Rice Lake indicators	Consult
Media		
105566	One ply thermal 2 in receipt paper, RW 220 79 ft rolls, 2.5 in OD (36 per case)	Consult
105565	One ply thermal 4 in receipt paper, RW 420 79 ft rolls, 2.25 in OD (36 per case)	Consult
110463	2 in x 3 in label, RW 220 or RW 420, 125 labels/roll, 2 in OD, 36 per case	Consult

Labels available by special order

Forklift Example

Printer model	RW420 or 220
Ram mount kit	105145
Power supply	105146 (RW420)
	105147
	105148 (RW220)
	105149
Serial cable	105151 (for setup with PC)
Cable to indicator	106442
Paper	