# ZQ220 Plus Mobile Printer

## The high-quality value-priced mobile printer for receipts and labels

You're looking for a value-priced mobile printer—but you don't want to compromise on features. Introducing Zebra's ZQ220 Plus mobile printer, offering the perfect balance of cost, quality, versatility, durability and wearability. Print receipts and labels in multiple widths–including 2-inch and 3-inch. Enjoy easy USB charging and increased communication speeds using Bluetooth® 5.0. With a slim, lightweight design, it's easy to carry all day, and offers the durability to print indoors and outdoors and an IP54 rating for resistance to dust and liquids, without the need for a protective case. The integrated display, one-handed operation, removable battery and ZLabel Designer Mobile App for Android™ or iOS® make it easy to use and stay productive. And with Zebra's 50 years of experience and innovation, you get quality you can count on. The ZQ220 Plus—the high-quality value-priced mobile printer.




### One Versatile Printer for All Your Applications—Today and In the Future

**All-in-One Receipt and Label Printing**
The ZQ220 Plus prints both receipts and labels, giving you the flexibility to standardize on one printer that can meet all your mobile printing needs. Purchasing and management are simplified—and with only one model, training requirements are reduced.

**Support for Multiple Media Widths**
You get the flexibility to choose the right media width for your application. Out of the box, the ZQ220 Plus can print 80 mm/3.14 in. With media spacers, the ZQ220 Plus can print 76.2 mm/3 in., 58 mm/2.28 in.

### All the Right Connections for On-the-Go Workers

**Simple USB Charging**
Get the easiest in-vehicle charging solution outside the four walls with the ZQ220 Plus—just use the USB cable to plug it into the vehicle USB port or use the optional USB charger with a vehicle lighter power adapter. Users can also use a personal mobile power bank to charge the printer with an attached USB cable.

**Faster, Easier and More Reliable Printing**
Support for Bluetooth 5.0 Classic and Low Energy (BLE) enables the fastest communication between the host mobile device and the ZQ220 Plus, delivering dependably fast printing. And improved power efficiency extends the battery cycle of the host mobile device.

**Simple Tap To Pair With NFC**
With integrated NFC, pairing the ZQ220 Plus to the Android mobile device of your choice couldn't be easier. Whether your workers are using an NFC-enabled Zebra or non-Zebra Android mobile device, or their own NFC-enabled mobile devices, just one tap will establish the connection to the ZQ220 Plus. No more time spent troubleshooting pairing problems, improving mobile worker and IT support staff productivity.

## Built for Business—Durable and Easy To Use

**Built-In Intuitive OLED Display for Easy Printer Management**
Today's workers expect the ultimate in simplicity when it comes to mobile devices. And with the black and white OLED display, they'll get it. At a glance, users can see settings, including media status, media type, Bluetooth connectivity status and print darkness, and take whatever action is needed to maximize uptime and print quality.

**Constant Power With a User Replaceable Battery**
Your workers can count on power every minute of every shift. If the battery runs low, workers can just pop in a fully charged spare battery—no need to take the printer out of service to charge.

**One-Handed Operation Keeps Workers On Task**
The ZQ220 Plus is thoughtfully designed for one-handed operation. Regardless of whether workers are printing a receipt or label, checking printer settings or changing media, one hand is always free to handle packages, open gates or greet customers, improving productivity and the customer experience.

**New and Easy-To-Use Mobile Label Designer for Android and iOS (ZLabel Designer App)**
Zebra constantly conducts research across a variety of industries to come up with solutions that help our customers make business easy and efficient.

The ZQ220 Plus mobile printer can be used with the ZLabel Designer App Android and iOS version, which enables users to create, open, delete, design, and manage labels before printing them on demand. The app comes with an intuitive and user-friendly interface, and a variety of templates for retailers such as clothing, supermarkets, grocery stores and baby care, to cater to the varying needs of its users. For instance, small retailers can use it to print and update the pricing labels of their products, amongst other purposes. No service fee, pop-up advertising or personal data collection–your privacy is respected by Zebra.

**All-Day Every-Day Business Durability**
The ZQ220 Plus is designed to handle the inevitable drops, exposure to the elements and more. You can expect reliable operation, even if the printer is dropped on concrete or used in dusty areas. You can use the ZQ220 Plus indoors and outdoors—it's designed to operate at below freezing temperatures and temperatures up to 50°C. An IP54 rating means protection against solid and liquid ingress, even without the protective case. The result? You get the printer uptime you need to improve workforce productivity and reduce total cost of ownership.

## Get the Most Out of Your Printer with Zebra Support and Services

**Backed By Zebra's Worldwide Service and Support**
Access repair support services anywhere around the globe through Zebra and its trusted network of more than 10,000 partners. Zebra OneCare™ Maintenance Plans provide enhanced coverage that exceeds standard warranty.

**For a Business Partner You Can Trust, Think Zebra**
With over 50 years of experience and innovation, Zebra delivers products with a difference—technology that meets your unique business needs with devices that are built to last. With our unmatched breadth of products, only Zebra can offer the simplicity of one-stop shopping, with products that work better together. And with 128 offices globally, no matter where you are located, you can count on the sales, service and support your business requires.

# Specifications

| Physical Characteristics | |
|---|---|
| **Dimensions** | 129.8 mm L x 114.4 mm W x 58.9 mm H<br>5.1 in. L x 4.5 in. W x 2.3 in. H |
| **Weight (With Battery)** | 390 g/0.85 lbs |
| **Printer Specifications** | |
| **Programming Languages** | CPCL, subset of ESC/POS |
| **Resolution** | 203 dpi/8 dots per mm |
| **Memory** | 8MB SDRAM, 16MB Flash |
| **Max Print Width** | 72 mm/2.83 in. |
| **Max Print Speed** | Receipt and Label: 2 ips (50mm/s) |
| **Sensors** | Black Mark, Gap, Media Out sensing |
| **Battery Capacity and Type** | 2500 mAh (7.4V), rechargeable Li-ion battery |
| **Media Characteristics** | |
| **Media Type** | Direct Thermal media, continuous receipt, black mark receipt and gap label |
| **Media Width** | 80 mm/3.15 in.<br>With media spacers:<br>76.2 mm/3.00 in.<br>58 mm/2.28 in.<br>50.8 mm/2.00 in. |
| **Media Roll Diameter** | Inner: 12.7 mm/0.5 in.<br>Outer: 50 mm/2.0 in. |
| **Media Thickness** | 0.058 mm to 0.1575 mm |
| **Environment and Resistance** | |
| **Operating Temp.** | -5°C to 50°C/23°F to 122°F |
| **Storage Temp.** | -20°C to 60°C/-4°F to 144°F |
| **Charging Temperature** | 0°C to 40°C/32°F to 104°F |
| **Charging Time** | Less than 4 Hours (23 °C +/- 5°C) |
| **Printing Length Per Charge** | Minimum of 500 labels x 8.5 in. length, 13% density |
| **Drop Specification** | 1.5 m/5 ft. to concrete |
| **IP Rating** | IP54 without soft case |
| **Agency Approvals** | |
| **Emissions** | EN55032, VCCI-CISPR 32, EN301489-1/-17 |
| **Susceptibility** | EN55035 |
| **Safety** | IEC/EN62368, BIS |
| **Radio** | EN300328, EN62479, BT SIG, ANATEL, IFT, SDPPI, IMDA, WPC |
| **Communication and Interface** | |
| **Bluetooth** | Bluetooth 5.0 Low Energy dual mode |
| **USB Port** | USB 2.0 type-C connector |
| **NFC Tag** | Passive NFC tag |
| **Charging Method** | USB charging |
| **Low Power Mode** | Support power saving |
| **User Interface** | OLED Screen, Control Buttons (Power, Config, Feed) |

| Fonts | |
|---|---|
| **Built-In Fonts (Bitmap)** | English/Latin9, Cyrillic, Tra. Chinese 24x24, New Sans MT 16x16, Vietnamese 16x16, Japanese 16x16, 24x24 (CPCL)<br>FontA 12x24, FontB 9x17, FontC 9x24 (ESC/POS) |
| **Barcode Symbology** | |
| **Linear Barcodes** | Code 39, Code 93, UCC/EAN128 (GS1-128), Code 128, Codabar, Interleaved 2-of-5, UPC-A and UPC-E 2, 5 digit add-on and composite, EAN-8, EAN-13, 2, 5 digit add-on and composite |
| **2D Barcodes** | PDF417, MicroPDF417, MaxiCode, QR Code, GS1/DataBar™ (RSS) family, Aztec, MSI/Plessey, Datamatrix |
| **Software and Tools** | |
| **SDK** | Legacy Multiplatform SDK support for PC Windows v7, v8, v10, Android, iOS |
| **Tools** | Zebra Printer Setup Utility (Windows), OPOS Driver, Zebra Designer (Printer Windows Driver, Font and Graphic Downloader, Status Monitor, Label Design Application), Zebra NetBridge, Mobile Label Designer Application (ZLabel Designer App Android and iOS version) |
| **Optional Accessories** | |
| **Battery** | Spare printer battery 2500 mAh.<br>Note: One battery ships with the printer |
| **Soft Case** | Add an extra layer of protection for harsh environments with a soft case. Includes a shoulder strap. |
| **Shoulder Strap** | Hooks to the soft case or printer for easy over-the-shoulder carrying |
| **Belt Clip** | Replacement belt clip (one belt clip ships with the printer); package of 5 |
| **USB Cable (Type C-A)** | Spare USB Type A to Type C cable, package of 1 or 5. Use this cable with the AC-USB Adapter or the Vehicle Lighter Adapter to charge your printer. Printer includes one cable. |
| **AC to USB Adapter** | Use AC to USB Adapter to charge your printer |
| **Media Spacer** | Media spacer for accepting 3 in. (76.2 mm), 2.3 in. (58 mm) and 2 in. (50.8 mm) wide paper, package (5 sets, 2 per set) |
| **Single Battery Charger** | Charge one Li-Ion printer battery at a time |

## Markets and Applications

**Retail and Hospitality**

- Mobile point of sale
- Line busting
- Shelf labels
- Pick and collect

**Transportation and Logistics**

- Direct Store Delivery (DSD)
- Proof of pickup/delivery
- Bag reconciliation
- Post and parcel
- Passenger ticketing

**Government**

- Parking enrollment
- E-Citation

**Field Services**

- Professional services
- Utility meter reading

# Specifications

| **Warranty** | |
|---|---|
| The ZQ220 Plus is warranted against defects in workmanship and materials for a period of 1 (one) year from the date of shipment. For the complete warranty statement, please visit: www.zebra.com/warranty | |
| **Recommended Services** | |
| Zebra OneCare maintenance plans provide peak performance and device uptime while protecting your critical operations and your printers with defined service levels.* For more information go to: www.zebra.com/zebraonecare | |
| **Zebra OneCare Essential** | Comprehensive Coverage, including printheads, normal wear and accidental breakage<br>Priority access 8x5 live technical support and software updates<br>Three-day depot repair turnaround time plus free return ground shipping<br>Online Return Material Authorization (RMA) support |
| **Footnotes** | |
| *Note: Service availability may vary by region | |

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