# ZQ210 Mobile Printer

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

You're looking for a value-priced 2-inch mobile printer—but you don't want to compromise on features. Introducing the ZQ210, offering the perfect balance of cost, quality, versatility, durability and wearability. Print up to 2-inch receipts, labels and linerless media and enjoy easy USB charging and fast communication speeds with Bluetooth® Classic and Low Energy. With its slim, compact and lightweight design, it's easy to carry all day, and offers the durability to print both indoors and outdoors. The integrated display, one-handed operation and ZQ2 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 and support you can trust.




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

**All-in-One Receipt, Label and Linerless Printing**
The ZQ210 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. And with Zebra Certified Supplies, you get validated and tested media your workers can count on for dependable, high-quality printing.

**Enhance Productivity Sustainably with Linerless Label Printing**
Get all the benefits of linerless printing. Increase productivity by simplifying life out on the road for users on trucks or bicycles. With no backing liner, there are more labels per roll, requiring fewer changes and fewer spare rolls to carry. There's no liner disposal needed, significantly minimizing waste and aligning with commitments toward a more sustainable future.

**Support for Multiple Media Widths**
You get the flexibility to choose the right media width for your application. Out of the box, the ZQ210 can print on 58 mm/2.28 in. wide media, and with media spacers, it can also print on 50.8mm/2 in., 40 mm/1.57 in. or 30 mm/1.18 in. wide media.

### 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 ZQ210—just plug the optional USB charger into the vehicle USB port or use the optional USB charger with a vehicle lighter power adapter. And if a charger isn't handy, workers can use their personal mobile phone USB charger.

**Faster, Easier and More Reliable Printing**
Support for Bluetooth Classic and Low Energy (BLE) enables fast communication between the host mobile device and the ZQ210, delivering dependably fast printing. And improved power efficiency extends the battery cycle of the host mobile device.

android

Made for iPhone | iPad | iPod

**The ZQ210 Mobile Printer—All-day business durability at affordable value-pricing**
For more information, please visit www.zebra.com/zq200series

### Simple Tap to Pair with NFC

With integrated NFC, pairing the ZQ210 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 ZQ210. 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, Bluetooth connectivity status and print darkness, and take whatever action is needed to maximize uptime and print quality.

### One-Handed Operation Keeps Workers on Task

The ZQ210 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.

### Sized Just Right for All Day Comfort

When it comes to wearability, the ZQ210 is specially designed for comfort. It's lightweight—the printer and battery together weigh less than a pound (265 g). And the low profile makes it easy to move through the tightest of spaces without bumping into walls, fixtures, other workers or customers.

### All-Day Every-Day Business Durability

Rated at IP43 (IP54 with optional soft case), the ZQ210 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 ZQ210 indoors and outdoors—it's designed to operate at below freezing temperatures and temperatures up to 50°C. The result? You get the printer uptime you need to improve workforce productivity and reduce total cost of ownership.

### New and Easy-to-Use Mobile Label Designer for Android and iOS (ZQ2 ZLabel Designer App)

The ZQ210 mobile printer can be used with the free ZQ2 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 pricing labels, as well as for other purposes. No service fee, pop-up advertising or personal data collection—your privacy is respected by Zebra.

## Get The Most Out of Your Printer with Zebra Supplies 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.

### Get Superior Print Quality with Zebra Certified Supplies

We design, produce and rigorously pre-test our own line of thermal printing supplies to maximize the lifespan of your printhead and the print quality of your receipts and labels.

### 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** | 118 mm L x 85.5 mm W x 44.5 mm H<br>4.64 in. L x 3.36 in. W x 1.75 in. H |
| **Weight with battery** | 265 g/0.58 lbs |
| **Printer Specifications** | |
| **Operating System** | Link-OS™ Basic |
| **Programming Languages** | CPCL<br>ESC/POS<br>(Commonly Used Command Set) |
| **Resolution** | 203 dpi/8 dots per mm |
| **Memory** | 16MB SDRAM, 16MB Flash |
| **Maximum Print Width** | 48 mm/1.89 in. |
| **Maximum Media Width** | 58 mm/2.28 in. |
| **Maximum Print Speed** | Receipt and Label: 2.5 ips (60 mm/s)<br>Linerless: 2 ips (50 mm/s) |
| **Sensors** | Black Mark, Gap, Media Out sensing |
| **Battery Capacity and Type** | 1500 mAh (7.4V) rechargeable Li-ion battery |
| **Media Characteristics** | |
| **Media Type** | Direct Thermal media, continuous receipt, black mark receipt, and gap label, option for linerless label |
| **Media Width** | 58 mm/2.28 in.<br>With media spacers:<br>50.8 mm/2.00 in.<br>40 mm/1.57 in.<br>30 mm/1.18 in. |
| **Media Roll Diameter** | Inner: 12.7 mm/0.5 in.<br>Outer: 40 mm/1.57 in. |
| **Media Thickness** | 0.058 mm/0.0023 in. to 0.158 mm/ 0.0062 in. |
| **Minimum Label/ Receipt Lenght** | 0.49 in. (12.5 mm) |
| **Maximum Label/ Receipt Lenght** | Unconstrained in line print mode |
| **Environment and Resistance** | |
| **Operating Temp.** | -10°C to 50°C/14°F to 122°F |
| **Storage Temp.** | -20°C to 60°C/-4°F to 144°F |
| **Charging Temp.** | 0°C to 40°C/32°F to 104°F |
| **Charging Time** | < 4 Hours (23 °C +/- 5°C) |

| | |
|---|---|
| **Minimum Printing Length per Charge** | Up to 500 labels (8.5 in. length)<br>All labels measured above are printed at 13% density, with ambient temperature of 23°C (+/- 5°C) |
| **Drop Specification** | Drop<br>Specification |
| **IP Rating** | IP43 (IP54 with soft case) |
| **Agency Approvals** | |
| **Emissions** | EN55032, EN 301 489-1/-17 |
| **Susceptibility** | EN55035, EN 301 489-1/-17 |
| **Safety** | EN62368 |
| **Communication and Interface** | |
| **Bluetooth** | Bluetooth 2.1+EDR/4.1 Low Energy dual mode |
| **USB Port** | USB 2.0 type-C connector |
| **NFC Tag** | Passive NFC tag |
| **Charging Method** | USB and/or multi-unit docking cradle charging |
| **Low Power Mode** | Support power saving |
| **MFi (iOS support via Bluetooth)** | MFI-Certified for iPhone, iPad and iPod |
| **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) |
| **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** | Link-OS Multiplatform SDK support for Desktop PC, Android, iOS (CPCL programming language only)) |
| **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 (ZQ2 ZLabel Designer App—Android and iOS version) |

## Markets and Applications

**Retail and Hospitality**

- Mobile Point of Sale
- Line Busting
- Shelf Labels
- Pick and Collect

**Transportations and Logistics**

- Direct Store Delivery (DSD)
- Proof of Pickup/ Delivery
- Bag Reconcilitation
- Post and Parcel
- Passenger Ticketing

**Government**

- Parking Enforcement
- E-Citation

**Field Services**

- Professional Services
- Utility Meter Reading

| Optional Accessories | |
|---|---|
| **Battery** | Spare ZQ210 printer battery 1500 mAh. 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 (shoulder strap is included with the soft case). |
| **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 2 in. (50.8 mm), 1.57 in. (40 mm) and 1.18 in. (30 mm) wide paper, package (5 sets, 2 per set) |
| **Vehicle Holder (Dashboard)** | Secure ZQ210 in-vehicle use |
| **5-Slot Docking Cradle** | Dock and charge up to five printers simultaneously. This accessory ships complete with power supply and power cord. Select the part number with the appropriate line cord option for your region.<br>For details and part numbers on all the accessories available for the ZQ210, please refer to the Mobile Printer Accessory Guide at www.zebra.com/mobile-printer-accessories |

**Printing Supplies**

For industry-leading quality, service and thermal printing expertise, choose Zebra Certified Supplies to ensure consistent, optimized performance for your Zebra printer.

**Warranty**

The ZQ210 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.1 For more information go to: www.zebra.com/zebraonecare

**Footnotes**

1. Note: Service availability may vary by region

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