ZQ112 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 the ZQ112, offering the perfect balance of cost, quality, versatility, durability and wearability. Print up to 2-inch receipts and labels 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 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 and Label Printing
The ZQ112 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 ZQ112 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 ZQ112—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 ZQ112, 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 ZQ112 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 ZQ112. No more time spent troubleshooting pairing problems, improving mobile worker and IT support staff productivity.

**The ZQ112 Mobile Printer —
All-day business durability at affordable value-pricing.
For more information, visit www.zebra.com/zq100series**

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 ZQ112 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 ZQ112 is specially designed for comfort. It's lightweight—the printer and battery together weigh less than a pound (235g). 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
The ZQ112 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 ZQ112 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 (ZLabel Designer App)

The ZQ112 mobile printer can be used with the free 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 4.64 in. L x 3.36 in. W x 1.75 in. H
Weight (with battery)	265 g/0.58 lbs

Printer Specifications

Programming Languages	CPCL ESC/POS (Commonly Used Command Set)
Resolution	203 dpi/8 dots per mm
Memory	16MB SDRAM, 16MB Flash
Max Print Width	48 mm/1.89 in.
Max Media Width	58mm/2.28 in.
Max Print Speed	Receipt and Label: 2.5 ips (60 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
Media Width	58 mm/2.28 in. **With media spacers:** 50.8 mm/2.00 in. 40 mm/1.57 in. 30 mm/1.18 in.
Media Roll Diameter	**Inner:** 12.7 mm/0.5 in. **Outer:** 40 mm/1.57 in.
Media Thickness	0.058 mm / 0.0023 in. to 0.158 mm / 0.0062 in.
Minimum Label/ Receipt Length	12.5 mm / 0.49 in.
Maximum Label/ Receipt Length	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) All labels measured above are printed at 13% density, with ambient temperature of 23°C (+/- 5°C)
Drop Specification	1.5 m/5 ft. to concrete
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)	CPCL fonts: English/Latin9, Cyrillic, ESC/POS Font: Font A: 12X24 Font B: 9x17 Font C: 9x24

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

Operating System	Link-OS™ Basic printer operating system
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 ZQ112 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	Spare 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 ZQ112 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.

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 Enforcement
- E-Citation

Field Services

- Professional Services
- Utility Meter Reading

Please see zebra.com/mobile-printer-accessories for detailed up-to-date information on 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 ZQ112 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