ZQ300 Mobile Label and Receipt Printer Series

CLASS-LEADING BATTERY POWER, VERSATILITY, DURABILITY AND EASY REMOTE MANAGEMENT IN AN AFFORDABLE MOBILE PRINTER

The mobile printing capabilities in your retail store directly impact customer service quality and associate productivity. With receipt printing, associates can ring up sales anywhere in the store to prevent abandoned sales, improve the shopper experience and increase revenue. And with on-the-spot printing of labels, associates can complete markups, markdowns and shelf label audits faster and more accurately — providing more time to help more shoppers and preventing costly pricing errors. With the Zebra ZQ300 Series 58 mm/2 in. and 80 mm/3 in. paper width printers, your associates can do it all. This compact and lightweight printer is designed for easy one-handed operation, bringing all-day comfort to mobile printing. Unique, patented battery and battery management technologies deliver the longest battery cycle times for constant full-shift power. When it comes to durability, the ZQ300 Series offers the most rugged specifications in its class. With support for 802.11ac and Bluetooth 4.0, you get the latest wireless connections in this class for fast printing. And the ZQ300 Series runs Link-OS® and is supported by our powerful Print DNA suite of applications, utilities and developer tools that deliver a superior printing experience through better performance, simplified remote manageability and easier integration. The ZQ300 Series — the affordable little mobile printer that delivers big business value.

MORE VERSATILITY FOR MORE VALUE

One printer — dual capabilities: receipts and labels
Now, one printer can do double duty: the same printer your store associates use to print receipts for point of sale transactions can also print labels for shelves as well as item markdowns and markups.

Connect to virtually any handheld
Pair the ZQ300 Series with practically any mobile device — any Bluetooth-enabled Zebra mobile handheld computer and tablet, as well as any Android, iOS, Windows CE and Windows Mobile device. And with Wi-Fi connectivity, the ZQ300 Series can easily double as a desktop printer to support local printing needs as well as labels you might receive from your corporate headquarters.

Print inside — and outdoors
If your retail store has outdoor departments, no problem. With IP54 sealing and support for water-resistant media, you can count on legible text and scannable barcodes, even when printing in the rain or snow.

Global media support
The ZQ300 Series accommodates international metric and US media widths.

SUPERIOR INDUSTRIAL DESIGN — DURABLE AND CONTEMPORARY

Sleek consumer styling on the outside — with superior Zebra industrial design on the inside
You get the best of both worlds with the ZQ300 Series. The lightweight design ensures user comfort all shift long. The slim profile makes it easy to use in tight spaces and cramped aisles without bumping into fixtures or walls. And while its contemporary look fits right into the most design conscious retail store, you get the durability for which Zebra is famous. It's the only printer in its class to offer triple durability specifications: IP54 sealing, a 5 ft./1.5 m drop specification and a 500-drop tumble specification, which simulates the real-world tumbling that follows a drop. The result? The ZQ300 Series simply works, even if your employees drop it, bump it, use it in a dusty backroom or splash liquid on it.

FASTER, EASIER AND HIGHLY RELIABLE WIRELESS CONNECTIONS

The latest wireless connections for faster printing
Enjoy superior printing speeds and power efficiency with the latest in Bluetooth connectivity, Bluetooth 4.0 Classic and Low Energy. And with support for WLAN 802.11ac and the latest Wi-Fi security protocols, you get blazing fast and secure connections whether you connect the ZQ300 Series to a host mobile device or a Wi-Fi network.

Robust and reliable connectivity
Zebra's patented Power Smart Print Technology™ offloads processing from the printer CPU, freeing up processing power to better manage wireless communications. The result? More consistent and dependable wireless connections for maximum productivity.

Split-second tap-to-pair simplicity

The integrated NFC tag allows users to pair the ZQ300 Series with any Zebra NFC-enabled mobile device with a quick tap — no more scanning barcodes, manually configuring devices for discovery or accidental pairing with another nearby device. Even new and temporary workers are up and running in seconds, without having to call for support.

MAXIMIZE BATTERY POWER AND MINIMIZE BATTERY MANAGEMENT TIME AND COST

User-replaceable PowerPrecision+ battery for full-shift power and extraordinary battery management capabilities

Your workers depend on their mobile printers nearly every minute of the day. And with the ZQ300 Series, you can be sure that every worker has plenty of power for every shift. The PowerPrecision+ 2280 mAh battery, a unique sleep mode and patented Power Smart Print Technology™ combine to minimize power requirements, offering one of the longest cycle times in this class. A wealth of easily accessible battery metrics makes it easier than ever to identify, remove and replace aging batteries before they impact productivity. And the ZQ300 Series battery is user-replaceable for perpetual power — ZQ300 Series printers never need to be taken out of service due to a dead battery.

Power-saving sleep mode with instant wake

This intelligent printer automatically enters sleep mode when it is idle, and automatically wakes up upon receipt of a printing job — no need for workers to remember to turn off the printer to save power.

Reduce battery power consumption up to 30 percent with patented Power Smart Print Technology™

This patented Zebra technology reduces battery power consumption by calculating and delivering the exact amount of power required to provide the highest quality printing. Where competitive devices provide a constant level of power, the ZQ300 Series print speed is adjusted dynamically in real time, based on many factors — from motor torque, battery and print head temperature to print density, battery age, available voltage and more. As a result, power consumption is reduced by an average of 20 to 30 percent per battery cycle.

The most charging options for maximum flexibility — and scalability

Multi-slot printer and battery chargers that utilize a common base and can even accommodate select Zebra mobile computers make it easy to cost-effectively create a rack-based backroom charging station that can accommodate all your devices now — and in the future. Single-slot printer and battery chargers are ideal on any desk. And with the AC-to-USB power adapter, users can simply plug the printer into any outlet to charge.

SUPERIOR PRINTER MANAGEMENT — EASY, REMOTE, COMPREHENSIVE AND COST-EFFECTIVE

Industry-first application for easy, remote management of Bluetooth-connected ZQ300 Series printers — only from Zebra

Zebra's one-of-a-kind Bluetooth Remote Management application gives you real-time visibility and remote management of all ZQ300 Series printers that are connected to any Android device via Bluetooth. Running on the Android mobile device, this application collects and sends a wealth of information about the ZQ300 Series to your Mobile Device Management (MDM) solution — either Zebra's Printer Profile Manager Enterprise printer management software or SOTI MobiControl. Now, the same tool you use to remotely manage your other mobile devices also allows you to easily update, monitor and troubleshoot your mobile printers, all in real-time from a remote central location. Printer management shifts from reactive to proactive, improving printer uptime, ROI and TCO. And since this solution utilizes a secondary Bluetooth communication channel, it won't interfere with ZQ300 Series printing, protecting printer and mobile device performance.

Zebra Print DNA – transforming printers from the inside

Zebra Print DNA is the genetic code that injects business-catalytic capabilities into our Link-OS printers through its unique combination of innovative applications, utilities and developer tools. The result is a superior printing experience through better performance, simplified remote manageability and easier integration.

Optional printer management services for maximum management flexibility

If you're still tracking your printers manually, then you are likely missing out on information that could save you money. Zebra's powerful visibility service options deliver critical insight into the information you need to prevent printer downtime and maximize the return on this key business asset. Our cloud- and subscription-based Asset Visibility Service (AVS) provides insight into the basic health information and proactive steps required to keep your ZQ300 Series printers up and running — all for just pennies a day. The comprehensive fully-featured Operational Visibility Service (OVS) connects to an MDM and allows you to monitor just about any aspect of your Zebra printer, as well service and repair status. See the current status and disposition of all of your printers, printers at a specific site, specific models or a specific printer — and much more.

Consistently exceptional Zebra Certified Supplies

Printing supplies can impact everything from printhead lifespan to operational efficiency. That's why we design, produce and rigorously pretest our own line of thermal printing supplies to ensure consistent, optimized performance in your Zebra printer — and peace of mind for you. For industry-leading quality, service and thermal printing expertise, choose Zebra Certified Supplies.

Maximize the availability of your printers with Zebra OneCare™ Services

Zebra OneCare Support Services enable your critical business operations. With multiple service levels to choose from, you can protect your investment while achieving maximum uptime and peak performance. Get unmatched support — direct from the manufacturer — with live agent telephone technical support, comprehensive coverage, including accidental damage and defined repair and turnaround times. Plus optional services like Device Commissioning, Onsite Repair, Battery Refresh and Replacement Service and Express Shipping let you tailor your service plan to your individual business needs.

ZQ300 Series Accessories

From power and charging related accessories to carrying and protection options, cables and more

POWER AND CHARGING

Chargers and Cradles

Multi-slot

5-slot Docking Charger
Dock and charge up to five ZQ300 Series 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.

Regions: US, EU, UK

3-slot Battery Charger
Dock and charge up to three PowerPrecison+ Li-Ion ZQ300 Series printer batteries at a time. The 3-slot battery charger ships with power supply and line cord. Select the part number with the appropriate line cord option for your region.

Regions: US, EU, UK

Single-slot

1-slot Docking Cradle
Dock and charge a single ZQ300 Series printer. This accessory ships with a USB cable and an AC to USB adapter. Select the part number with the appropriate plug for the AC to USB adapter.

Regions: US, EU, UK, Australia, Brazil, Korea

1-Slot Battery Charger
Docks and charges a single PowerPrecision+ Li-Ion ZQ300 Series battery. Integrated power supply. Ships with line cord. Select the part number with the appropriate line cord for your region.

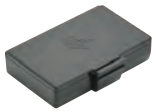
Regions: US, EU, UK, Korea, Brazil, Australia

Power Adapters

AC to USB Adapter
Use this AC to USB Adapter to charge your ZQ300 Series printer. Select the appropriate part number with the appropriate plug for your region.

Regions: US, UK, EU, Australia, Brazil, Korea, India

BATTERIES



PowerPrecision+ 2280 mAH Li-Ion Rechargeable Battery
Spare printer battery. (Note one battery ships with the printer).
Battery Capacity: 2280 mAh

CARRYING AND PROTECTION OPTIONS

Protection Options

Soft Case
This soft case allows for easy attaching/detaching for wearability. Includes shoulder strap.

Carrying Options

Shoulder Strap
Easily carry the ZQ300 Series over the shoulder with this comfortable rugged shoulder strap.

Belt Clip
Replacement belt clip (one belt clip ships with the printer); package of 5.

CABLES AND OTHER ACCESSORIES

Spare USB Cables
Spare USB Type A to Type C cable. Use this cable with the AC-USB Adapter or the Cigarette Lighter Adapter to charge your printer. Printer includes one cable. (Available with 1 or 5 spare units).

Platen Roller
Replace your ZQ300 Series platen roller.

Media Spacer
Spacers for ZQ300 Series media compartment to accept 3 in./76.2 mm or 2 in./50.8 mm wide paper.

ZQ300 Series Mobile Label and Receipt Printer Specifications

PHYSICAL CHARACTERISTICS

Dimensions	**ZQ310 printer:** 130 mm L x 93.5 mm W x 49.5 mm H 5.12 in. L x 3.68 in. W x 1.95 in. H **ZQ320 printer:** 130 mm L x 117.7 mm W x 49.5 mm H 5.12 in. L x 4.63 in. W x 1.95 in. H
Volume	**ZQ310 printer:** 600 cc/36.6 cubic in. **ZQ320 printer:** 757 cc/46 cubic in.
Weight with Battery	**ZQ310 printer:** 0.37 kg /0.81 lbs **ZQ320 printer:** 0.43 kg/0.95 lbs

PRINTER SPECIFICATIONS

Operating System	Link-OS®
Print Method	Direct Thermal
Resolution	203 dpi/8 dots mm
Memory	128MB RAM, 256MB Flash (48 MB User Available)
Battery	Li-Ion 2280 mAh, 7.2V, PowerPrecision+
Maximum Print Width	**ZQ310 printer:** 48 mm/1.89 in. **ZQ320 printer:** 72 mm/2.83 in.
Maximum Print Speed	Up to 4 ips (100 mm/s)
Media Sensors	Gap, BlackBar, Media Out, Media Door Open
Programming Languages	CPCL, ZPL. The ZPL programming language ensures full compatibility with many other Zebra printers.
Cutter	Tear bar
Print Direction	Horizontal and vertical

MEDIA CHARACTERISTICS

Media Width	**ZQ310 printer:** 58 mm ±0.75 mm/2.28 in. ±0.02 in.; spacers available to support 50.8 mm ±0.75 mm/2 in. ±0.02 in. **ZQ320 printer:** 80 mm ± 0.75 mm/3.15 in. ±0.02 in.; spacers available to support 76 mm ± 0.75 mm/3 in. ±0.02 in.
Maximum Roll Outside Diameter	40 mm/1.57 in.
Media Holder	Drop-in fixed media width (clamshell)
Media Thickness	0.06 mm/0.0023 in. to 0.16 mm/0.0063 in.
Media Types	Direct thermal: receipt paper, labels, linerless labels
Minimum Receipt Length	12.5 mm/0.49 in.
Maximum Receipt Length	Unconstrained in line mode
Label Counter	Odometer

OPERATING CHARACTERISTICS

Environmental	Operating Temperature: -15° to +50° C/5° to +122° F Storage Temperature: -20° to 60° C/-4° to +140° F Charging Temperature: 0° to 40°C/0° to +104° F Operating Humidity: 10% to 90% non-condensing IP Rating: IP54 Drop Spec: 1.5 m/5 ft. tested over operating temp. range Tumble: 500 free falls from 1 m/3.3 ft. Vibration: MIL STD 810

OPERATING CHARACTERISTICS (CONTINUED)

Agency Approvals	FCC Part 15 and EN 55022 Class B limits; FCC, IC, and European Standards for Bluetooth and 802.11a/b/g/n; TÜV and IEC 60950 standard for Safety; NOM, C-Tick, VCCI, S-Mark, PSE, CCC, MII Bluetooth SIG-registered and Wi-Fi certified
Validation Testing	The ZQ300 series printers have been tested with industry-leading applications to verify interoperability and improve overall optimization with validated terminals. Zebra Independent Software Vendor (ISV) Partners create industry leading software solutions to solve business problems. Zebra works closely with these ISVs to integrate printing and other capabilities of Zebra products. Zebra-validated applications can be found at www.zebra.com/validation

COMMUNICATION AND INTERFACES CAPABILITIES

WLAN	802.11ac
WLAN Security	WEP, TKIP, AES encryption, WPA, WPA2, 801.1X (with WEP, WPA or WPA2) EAP- FAST, EAP- TTLS, EAP-TLS, PEAP, LEAP
WLAN Features Supported	802.11r, 802.11d, 802.11i, Simultaneous WAN & BT 4.0, Fast roaming using Pairwise Master Key (PMK) caching, Opportunistic Key Caching (OKC), or EAP Fast Session resumption, Support for Ad Hoc mode
Internet Protocols over WLAN	UDP/TCP, DHCP/BootP, FTP/Mirror, HTTP, SMTP / POP3, Telnet, LPD, SNMP
Bluetooth	Dual Radio (802.11ac + BT BR/EDR LE4.0)
USB 2.0	Client, Type- C™ connector
NFC	Passive NFC tag
Host OS Supported	Windows compatibility: (CE .NET, Pocket PC, Windows Mobile 2002, Windows Mobile 2003 SE, Windows XP, 2000 and NT via Zebra Windows printer driver and/or our Mobile SDK controls and other applications) Android 2.3, 4.0, 4.1, iOS 5, iOS 6, iOS 7, iOS 10
User Interface	LEDs

BARCODE SYMBOLOGIES

Barcode Ratios	1.5:1, 2:1, 2.5:1, 3:1, 3.5:1
Linear Barcodes	Codabar (NW-7), Code 39, Code 93, Code 128, EAN-8, EAN-13, 2 and 5 digit add-on, Interleaved 2-of-5, UCC/EAN 128, UPC-A, UPC-E,2 and 5 digit add-on
2D Barcodes	2D Barcodes: Aztec Code, Data Matrix, GS1/DataBar™ (RSS) family, MaxiCode, MicroPDF417, PDF417, QR Code, TLC 39

FONTS/GRAPHICS

CPCL/ZPL (Scalable)	Latin 9, Arabic, Cryillic, Hebrew, SourceCodePro, NotoMono (CJK), Hans (CJK), Thai (Angsana)
CPCL (Bitmap)	Simplified CN: 24x24 Msung, 16x16 SimSun, Trad CN: 24x24 Mkai, 16x16 New Sans MT, Vietnamese: 16x16 Utah, Japanese 16x16 MS Gothic
ZPL	Standard fonts: 25 bitmapped, smooth-scalable (CG Triumvirate™ Bold Condensed), scalable SourceCodePro, scalable NotoMono (CJK), scalable Hans (CJK), Optional fonts: Downloadable bitmapped and scalable fonts, *Contains UFST® from Agfa Monotype Corporation

PRINTER SUPPLIES

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

The ZQ300 Series is ideal in:

Retail

- Receipts (Mobile POS)
- Gift registry
- Price labels: markdowns/markups
- Shelf labels

ZQ300 Series Mobile Label and Receipt Printer Specifications (cont.)

PRINT DNA SOFTWARE SOLUTIONS

The ZQ300 Series is supported by our powerful Print DNA suite of applications, utilities and developer tools that give our printers better performance, simplified remote manageability, and easier integration.

Productivity Tools

- Enterprise Printing Solutions
- Pairing Solutions
- PDF Direct
- Print Station
- Virtual Devices
- Zebra Designer

Management Tools

- Bluetooth Printer Management
- Print Profile Manager Enterprise
- PrinterSecure
- Printer Setup Utility

Development Tools

- Browser Print
- Cloud Connect
- MultiPlatform SDK
- Network Connect
- PrintConnect

Visibility Tools

- MDM Connectors
- Visibility Services

Print DNA features may vary by model and a Support Contract may be required. For more information, please visit: www.zebra.com/printdna

ACCESSORIES

Protection	Soft Cases
Carrying	Belt Clip (included), Shoulder Strap
Cable	USB charging or communication cable, type C to type A

ACCESSORIES (CONTINUED)

Chargers and Cradles	**Large deployments:** 5-slot docking cradle, 3-slot battery charger **Small deployments:** AC-USB Adapter, 1-slot battery charger, 1-slot docking cradle **In-vehicle charging:** Cigarette lighter adapter with 2 USB ports (to charger printer and mobile computer) Vehicle adapter to charge printer and mobile computer (TC51/56) through a direct connection to the vehicle 12-24V battery Vehicle holders (for windshield, for dashboard) that connect directly to the vehicle 12-24V battery Vehicle holders (for windshield, for dashboard)

INCLUDED IN THE BOX

Printer, battery (Li-Ion 2280 mAh), belt clip, USB cable (Type C to Type A), Quick Start Guide, registration card, Safety Guide, Regulatory Guide

WARRANTY

The ZQ300 Series 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*™ Support Services	**Maximize Availability & Business Operations with Zebra *OneCare*™ Support Services.** You invest in Zebra printers to enable the growth of your business. And you require operational support for your dynamic environment. Ensure predictable performance, support for critical operations and improved business outcomes, while eliminating unbudgeted repair expenses. Experience unmatched technical support direct from Zebra, as well as comprehensive repair services including accidental damage and defined repair turn-around times. Optional add-on services allow you to tailor your service plan to meet your individual business needs — both today and as your operations evolve.

Note: Service availability may vary by region.

GET THE AFFORDABLE MOBILE PRINTER THAT DELIVERS BIG BUSINESS VALUE — THE ZQ300 SERIES.

For more information, contact us at sales@mai.hr

Made for iPod iPhone iPad

Wi Fi CERTIFIED