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 PowerSmart 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 PowerSmart 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 test 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

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<td>5-slot Docking Charger</td>
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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 PowerPrecision+ 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 |

### BATTERIES

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

### CARRYING AND PROTECTION OPTIONS

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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/6.6 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 (48MB User Available)  
| Battery          | Li-Ion 2280 mAh, 7.2V, PowerPrecision+  
| Maximum Print Speed | Up to 4 ips (100 mm/s)  
| Media Sensors    | Gap, BlackBar, Media Out, Media Door Open  
| Programming Languages | CPCL, ZPL.  
| CUTTER | Tear bar  
| 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 76 mm ±0.75 mm/3 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 | 40 mm/1.57 in.  
| 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**

| Environment  | 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 | IP 54  
| 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  

**COMMUNICATION AND INTERFACES CAPABILITIES**

| WLAN | 802.11ac  
| WLAN Security | WEP, TKIP, AES encryption, WPA, WPA2, 802.11x (w/ WEP, WPA or WPA2), EAP-FAST, EAP-TLS, EAP-TTLS, PEAP, LEAP  
| WLAN Features Supported | 802.11r, 802.11d, 802.11i, Simultaneous WAN & BT 4.0, Fast roaming using Parallel Master Key (PMK) caching, Opportunistic Key Caching (OKC), EAP Fast Session resumption, Support for Ad Hoc mode  
| Internet Protocols over WLAN | UDP/TCP, DHCP/BootP, FTP/Mirr or, HTTP, SMTP/POP3, Telnet, LDP, SNMP  
| Bluetooth | Dual Radio (802.1ac + BT BR/EDR LE 4.0)  
| USB 2.0 | Client, Type-C™ connector  
| NFC | Passive NFC tag  
| Host OS Supported | Windows compatibility: ICE, 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  

**BARS CODE SYMBOLOGIES**

| Barcode Ratios | 1:1, 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-13, EAN-13, 2 and 5 digit add-on, Interleaved 2-5, UCC/EAN 128, UPC-A, UPC-E, EAN-8, 5 digit add-on  
| 2D Barcodes | 2D Barcodes: Aztec Code, Data Matrix, GS1DataBar™ (RSS) family, MaxiCode, MicroPDF417, PDF417, QR Code, TLC 39  

**FONTS/GRAPHICS**

| CPCL/ZPL (Scalable) | Latin 9, Arabic, Cyrillic, Hebrew, SourceCodePro, NotoMono (CJK), Hans (CJK), Thai (Angsana)  
| CPCL (Bitmap) | Simplified CN: 24x24 Msung, 16x16 SimSun, Trad CN: 24x24 Msung, 16x16 New Sans MT, Vietnamese: 16x16 Utah, Japanese 16x16 MS Gothic  

**PRINT SUPPLIES**

For industry-leading quality, service and thermal printing expertise, choose Zebra Certified Supplies to ensure consistent, optimized performance for your Zebra printer.
**ZQ300 Series Mobile Label and Receipt Printer Specifications (cont.)**

**ACCESSORIES (CONTINUED)**

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<td>In-vehicle charging: Cigarette lighter adapter with 2 USB ports (to charge printer and mobile computer)</td>
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<td>Vehicle adapter to charge printer and mobile computer (TC51/56) through a direct connection to the vehicle 12-24V battery</td>
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<td>Vehicle holders (for windshield, for dashboard) that connect directly to the vehicle 12-24V battery</td>
</tr>
<tr>
<td></td>
<td>Vehicle holders (for windshield, for dashboard)</td>
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**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

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**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.

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

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**ACCESSORIES**

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<td>Belt Clip (included), Shoulder Strap</td>
<td>USB charging or communication cable, type C to type A</td>
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**GET THE AFFORDABLE MOBILE PRINTER THAT DELIVERS BIG BUSINESS VALUE — THE ZQ300 SERIES.**

For more information, visit www.zebra.com/zq300 series or our global contact directory at www.zebra.com/contact