ZQ300 Plus Series Mobile Printers

Class-leading mobile printing versatility, durability and remote management

Mobile printing capabilities in your retail store directly impact customer service quality and associate productivity. Time spent by your field workers writing receipts could be time spent making more customer visits. The Zebra ZQ300 Plus Series printers let your associates do it all. With receipt printing, associates can ring up sales anywhere in the store. With on-the-spot printing of labels, store associates can complete markups, markdowns and shelf label audits faster and more accurately. And the ZQ300 Plus Series features two models to address your specific application needs. Choose the dark grey color scheme with scuff resistant exterior adding extra protection for demanding environments and outdoor use or the more contemporary silver and black color scheme—perfect for design conscious retail customers.



More Versatility For More Value

Connect to Virtually Any Handheld
Pair the ZQ300 Plus 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. It's also MFi certified for iOS devices.

One Printer—Dual Capabilities: Receipts and Labels
Now, one printer can do double duty: the same printer your store associates use for point of sale transactions can also print labels for shelves, item markdowns and markups.

Print Inside—and Outdoors
With IP54 sealing and support for water-resistant media, you can count on the indoor and outdoor model to print legible text and scannable barcodes, even in wet and dusty environments.

Global Media Support
The ZQ300 Plus Series accommodates international metric and US media widths.

Less Waste with Linerless Media
Go greener with linerless media. Workers no longer need to manage used liner material throughout their shift. And since linerless media has up to 60% more labels per roll, it requires fewer roll changes, improving printer uptime—and worker productivity.

Superior Industrial Design

Sleek on the Outside, Superior Zebra Design on the Inside
The lightweight design ensures user comfort all shift long. The slim profile makes it easy to use in tight spaces. And while its contemporary look fits into the most design-conscious retail store, you get the durability for which Zebra is famous.

The affordable mobile printer that delivers big business value—The ZQ300 Plus Series.
For more information about the ZQ300 Plus Series, visit www.zebra.com/zq300-plus-series

It's the only printer in its class to offer triple durability specifications: IP54 sealing, and specifications for a 5 ft./1.5 m drop and 500-drop tumble, which simulates the real-world tumbling that follows a drop.

Faster, Easier and Highly Reliable Wireless Connections

Wireless Connections for Fast and Efficient Printing

Enjoy superior printing speeds and power efficiency with Bluetooth Classic and Low Energy (BLE). And with support for WLAN 802.11ac and its security protocols, you get fast and secure connections.

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, giving you 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 Plus Series with any Zebra NFC-enabled mobile device with a quick tap. Even new and temporary workers are up and running in seconds.

Maximize Battery Power and Minimize Battery Management Time and Cost

Full-Shift Power and Extraordinary Battery Management

The PowerPrecision+ 2280 mAh battery, a unique sleep mode, plus patented Power Smart Print Technology™ combine to minimize power requirements, offering one of the longest cycle times in this class. A wealth of battery metrics makes it easier than ever to identify and replace aging batteries before they impact productivity.

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.

Reduce Battery Power Consumption Up to 30 Percent

While competitive devices provide a constant level of power, the ZQ300 Plus Series print speed is adjusted dynamically in real time with patented Power Smart Print Technology™—using many factors, including motor torque, battery and print head temperature, print density 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—which can also accommodate select Zebra mobile computers—make it easy to cost-effectively create a rack-based backroom charging station for all your devices. 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

Zebra Print DNA – Your Printers' Built-In Advantage

Print DNA's suite of software capabilities leverages everything we've learned about technology, users and thousands of use cases. Stay a step ahead with remote management tools, heightened security, and ongoing updates, so your ZQ300 Plus Series mobile printers work at their highest potential.

Zebra Print DNA tools and applications help you effortlessly customize and integrate print apps for multiple environments and infrastructures. Your rollouts are accelerated with an easy-to-use setup wizard, remote access and streamlined steps. You give IT the ability to easily manage and maintain your networked mobile printers anywhere, anytime, uncover potential vulnerabilities, defend against security attacks and alleviate common IT headaches.

Managing Your Printers Remotely Made Easy

Zebra's Printer Profile Manager Enterprise is a full featured remote printer management solution. It gives you real-time visibility of your networked mobile printers, and the ability to easily manage them from anywhere, at any time, no matter where they are in the world. The browser-based application lets you discover your Print DNA printers, create and distribute configurations and update printers on your schedule.

Optional Printer Management Services for Maximum Flexibility

Our cloud- and subscription-based Asset Visibility Service (AVS) provides insight into the basic health information and proactive steps required to keep your ZQ300 Plus Series printers up and running—all for just pennies a day. 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.

Maximize Printer Availability with Zebra OneCare™ Services

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 Plus Series Accessories

The ZQ300 Plus Series offers all the accessories you need, from power and charging to carrying and protection options, cables and more. Please refer to the Mobile Printer Accessory Guide, found on Zebra.com, for all the accessories available for theZQ300 Plus Series. Note all accessories compatible with the ZQ300 Plus Series are also compatible with the ZQ300 Series.

Chargers and Cradles	
Multi-Slot and Single-Slot	
	5-Slot Docking Charger Dock and charge up to five ZQ300 or ZQ300 Plus 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 or ZQ300 Plus 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 1-Slot Battery Charger Docks and charges a single PowerPrecision+ Li-Ion ZQ300 or ZQ300 Plus 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 1-Slot Docking Cradle Dock and charge a single ZQ300 or ZQ300 Plus 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

AC Adapter	
	AC to USB Adapter Use this AC to USB Adapter to charge your ZQ300 or ZQ300 Plus 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 (one battery ships with the printer). Battery Capacity: 2280 mA

In-Vehicle	
	Cigarette to USB Adapter Charges the printer via the vehicle lighter power adapter. USB connection to printer; USB cable sold separately. Dual Charging Vehicle Adapter Charges a ZQ300 or ZQ300 Plus Series printer and a Zebra TC51, TC52, TC56 or TC57 mobile computer, simultaneously. Includes open ended and cigarette lighter adapter cables. Vehicle Holder—Dashboard Attach the ZQ300 or ZQ300 Plus Series to the vehicle dashboard with this printer vehicle holder. Vehicle Holder—Windshield Attach the ZQ300 or ZQ300 Plus Series to the vehicle windshield with this printer vehicle holder.

Carrying and Protection Options



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

Shoulder Strap
Easily carry the ZQ300 or ZQ300 Plus 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 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
Replacement ZQ300 or ZQ300 Plus Series platen roller.

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

Specifications

Physical Characteristics

Dimensions	ZQ310 Plus: 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 Plus: 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 Plus: 601.7 cc/36.7 cubic in. ZQ320 Plus: 757.4 cc/46.2 cubic in.
Weight with battery	ZQ310 Plus: 0.37 kg/0.81 lbs ZQ320 Plus: 0.43 kg/0.95 lbs

Printer Specifications

Operating System	Link-OS® printer operating system
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 Plus printer: 48 mm/1.89 in. ZQ320 Plus printer: 72 mm/2.83 in.
Maximum Print Speed	Up to 4 ips (100 mm/s)
Media Sensors	Black mark Gap (optional) (bar sensor is for the top side marks only)
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 Plus 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 Plus 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	0.05334 mm / 0.0021 in. to 0.16 mm/0.0063 in.
Media Types	Direct thermal: receipt paper, linerless labels
Minimum Receipt Length	12.5 mm/0.49 in.
Maximum Receipt Length	Unconstrained in line mode
Label Counter	Odometer

Fonts/Graphics

CPCL/ZPL (Scalable)	Latin 9, Arabic, Cryillic, Hebrew, SourceCodePro, NotoMono (CJK), Hans (CJK), Thai (Angsana)
CPCL (Bitmap)	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
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.

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

Print DNA Software

Durable printers are essential, but it's the software inside that will keep them in action. That's why we built Zebra Print DNA into our printers. It's a suite of software capabilities that give you the ability to optimize printer performance over their entire lifecycle even as your business needs evolve. For more information, please visit
www.zebra.com/printdna

Product Warranty

The ZQ300 Plus Series printers are 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 Essential and Select Services maximize the availability and productivity of your devices. Key features include 24/7 technical support, comprehensive coverage, advance replacement and software updates. Optional Visibility Services are available. For more information go to
www.zebra.com/zebraonecare
(Note: Service availability may vary by region.)

Markets and Applications

Retail

• Mobile Point of Sale
• Gift Registry
• Price Labels: Markdowns/Markups
• Shelf Labels
• Buy Online Pickup In Store (BOPIS)

Field Service

• Invoices/Receipts
• Inventory Lists
• Schedule Printouts
• Parts Reconciliations

Transportation and Logistics

• Invoices
• Receipts
• Ticketing

Government

• Parking Violations
• E-citations
• Utility Meter Reading
• Postal Delivery Notices

DSD

• Invoices
• Proof of Delivery

Notices

• Receipts
• End-of-Day Reports

Courier

• Invoices

Operating Characteristics

Operating Temp.	-15° to +50°C/5° to +122° F
Storage Temp.	-20° to 60°C/-4° to +140° F
Charging Temp.	0° to 40°C/0° to +140° F
Operating Humidity	10% to 90% non-condensing
IP Rating	IP54
Drop Specification	1.5 m/5 ft. tested over operating temp. range
Tumble Specification	500 free falls from 1 m/3.3 ft.
Vibration	MIL STD 810
Agency Approvals	FCC Part 15 and EN 55022 Class B limits; FCC, IC, and European Standards for Bluetooth and 802.11a/b/g/n; T V 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 Plus 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 Interface Capabilities

ZebraNet® 802.11ac radio with optional support for:• TKIP and AES encryption
• WPA and WPA2
• 802.1x (with WPA or WPA2)
• TKIP, EAP-FAST, EAP-TTLS, EAP-TLS, PEAP, LEAP
• 802.11d, 802.11i, 802.11r
• Bluetooth 5.2 ready[1]
• Wi-Fi Certification
• Fast Roaming using Pairwise Master Key (PMK) caching, Opportunistic Key Caching (OKC), or EAP Fast Session resumption or 802.11r

Bluetooth 4.1 (Classic and BLE) radio (Standard)[2]:• Security models 1-4
• "Made for iPod/iPhone/iPad" certified
• Key bonding

Cabled Communications Specifications: USB: Client, Type C™ connectorNFC: Passive NFC tagUser Interface: LEDs

WLAN (Optional)

WLAN	802.11ac
WLAN Security	TKIP, AES encryption, WPA, WPA2, 801.1X (WPA or WPA2) EAP- FAST, EAP- TTLS, EAP-TLS, PEAP, LEAP
WLAN Features Supported	802.11r, 802.11d, 802.11i, Simultaneous WAN & BT 4.2, Fast roaming using Pairwise Master Key (PMK) caching, Opportunistic Key Caching (OKC), or EAP Fast Session resumption
Internet Protocols over WLAN	UDP/TCP, DHCP/BootP, FTP/Mirror, HTTP, SMTP / POP3, Telnet, LPD, SNMP

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

NA and Corporate Headquarters
+1 800 423 0442
inquiry4@zebra.com

Asia-Pacific Headquarters
+65 6858 0722
contact.apac@zebra.com

EMEA Headquarters
zebra.com/locations
contact.emea@zebra.com

Latin America Headquarters
zebra.com/locations
la.contactme@zebra.com

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