


**SPECIFICATION SHEET**

ZQ300 MOBILE RECEIPT PRINTER SERIES: OUTSIDE THE FOUR WALLS

# ZQ300 Series Mobile Receipt Printer Specifications

**The ZQ300 Series is ideal in:**

PHYSICAL CHARACTERISTICS	
Dimensions	<b>ZQ310 printer:</b> 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
	<b>ZQ320 printer:</b> 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	<b>ZQ310 printer:</b> 600 cc/36.6 cubic in. <b>ZQ320 printer:</b> 757 cc/46 cubic in.
Weight with Battery	<b>ZQ310 printer:</b> 0.37 kg/0.81 lbs <b>ZQ320 printer:</b> 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	<b>ZQ310 printer:</b> 48 mm/1.89 in. <b>ZQ320 printer:</b> 72 mm/2.83 in.
Maximum Print Speed	Up to 4 ips (100 mm/s)
Media Sensors	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	<b>ZQ310 printer:</b> 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.
	<b>ZQ320 printer:</b> 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, 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 <a href="http://www.zebra.com/validation">www.zebra.com/validation</a>

COMMUNICATION AND INTERFACES CAPABILITIES	
Bluetooth	BR/EDR, LE 4.0
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

WLAN (OPTIONAL)	
WLAN	802.11ac
WLAN Security	WEP, TKIP, AES encryption, WPA, WPA2, 801.1X (with WEP, WPA or WPA2) EAP-FAST, EAP-TLS, 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

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, Cyrillic, 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.	

**Field Service**

- Invoices/Receipts
- Inventory lists
- Schedule printouts
- Parts reconciliation

**Transportation & Logistics**

- Invoices
- Receipts
- Ticketing

**Government**

- Parking violations
- eCitations
- Utility meter reading
- Postal delivery notices

**DSD**

- Invoices
- Proof of Delivery notices
- Receipts
- End-of-day reports

**Courier**







- Proof of Delivery notices
- Invoices

# ZQ300 Series Mobile Receipt Printer Specifications (continued)





## 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 |  Print Station   |
|  Pairing Solutions             |  Virtual Devices |
|  PDF Direct                    |  Zebra Designer  |

### Management Tools

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

### Development Tools

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

### 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](http://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](http://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, VISIT [WWW.ZEBRA.COM/ZQ300 SERIES](http://WWW.ZEBRA.COM/ZQ300 SERIES) OR OUR GLOBAL CONTACT DIRECTORY AT [WWW.ZEBRA.COM/CONTACT](http://WWW.ZEBRA.COM/CONTACT)

