

ZEBRA ZQ500 Serie

Mobile Drucker

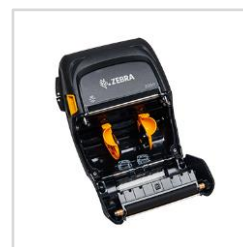


Die Drucker der Zebra ZQ500 Serie sind besonders widerstandsfähig, weder ein Sturz aus 2 Metern Höhe, noch Staub oder Wasser können den Betrieb unterbrechen. Zwei Jahre Garantie und umfangreiche Software-Tools sichern den langfristigen reibungslosen Einsatz.

Zusätzlich zum Etikettendruck auf Papier und Folie, können mit dem ZQ511 und ZQ521 erstmalig auch mobil UHF RFID Tags beschrieben werden. Ebenso neu ist die Verarbeitung von linerless (trägerlosen) Etiketten.

Dank des leistungsstarken Prozessors und großen Speichers werden alle Druckaufträge besonders schnell verarbeitet. 802.11ac Wi-Fi mit Fast-Roaming und Bluetooth Low Energy sorgen dazu für eine unterbrechungsfreie Datenanbindung.

Das intelligente Akkumanagement der ZQ500 Serie minimiert gezielt den Energieverbrauch, unter anderem mit einem automatischen Sleepmode.



Merkmale ZQ511 / ZQ521

Drucktechnologie	Thermodirekt
Druckbreite (Max.)	72 / 104mm
Druckauflösung	203 dpi
Medientypen	Etiketten (trägerlos), Preisschilder, Belege, UHF RFID
Kompatibel mit	Android, Windows Mobile, Apple iOS
Netzwerkverbindungen	WLAN, Bluetooth, USB
Akku	3250 mAh
Schutz	IP54, bis 2 m sturzfest
Betriebstemperatur	20 – 55°C
Abmessungen (B x L x H)	120 x 150 x 62 / 158 x 155 x 67 mm
Gewicht	630 / 790 g

Anwendungsbereiche

- Lager
- Logistik
- Produktion
- Außendienst

Zubehör

- Div. Trageoptionen (Gürtelclip, Schultergurt...)
- Tasche
- Exoskelett-Gehäuse mit verstärktem Schutz
- Div. Fahrzeughalterungen
- 4-fach Docking Ladegerät
- Fahrzeug Dockingstation
- Akku-Eliminator (Anschluss im Fahrzeug ohne Akku)

ZEBRA ZQ500 Serie

Standard Features

- Android, Apple iOS, Windows Mobile connectivity
- Bluetooth specification 4.1 EDR + LE
- WLAN 802.11ac
- Fast roaming 802.11r supported
- 528 MHz ARM processor
- 3250 mAh PowerPrecision+ (retrievable, rechargeable Li-Ion)
- USB On-The-Go ports (with optional strain relief)
- Power Smart Print Technology — anticipates upcoming printing to optimize battery consumption and print speed
- Direct thermal printing of barcodes, text and graphics
- IP54 rated for protection against solid and liquid ingress
- MIL-STD 810G certified for drop and shock
- Tolerance of multiple drops from 6.6' (2m) to concrete
- Tumble testing per the IEC68-2-32 spec with 1300 free falls from 3.3'/1m
- Simple easy-to-read LCD with large icons for battery and wireless status
- Dual-sided tear bar which allows for clean tears in either direction (not available with linerless SKUs)
- Supports vertical and horizontal printing
- Printer can be used in any orientation
- Center loading, adjustable for variable roll widths
- "Clamshell" design for easy media loading
- Label odometer
- XML support
- Resident fixed and scalable fonts
- Black mark and gap media sensing using fixed center position sensors
- Cold Temperature Compensation mode—optimizes/balances print speeds to allow for better print performance at lower temperatures
- PPME, Mirror, SNMP, WebServer, AirWatch® & Soto Connectors and Wavelink Avalanche®
- NTP (Network Time Protocol) support via WiFi
- Sleep mode supported. Wake on Bluetooth, WiFi and Touch
- Real time clock (RTC) supported for time stamp certificates in WLAN SKU's only
- QR code links to web-based help pages; not displayed on LCD
- Zebra® Print Touch simplifies Bluetooth pairing and launches web-based pages with Near Field Communication (NFC) enabled devices
- RFID is available on both the ZQ511 and ZQ521 as separate products (standard channel offering)

Physical Characteristics

Dimensions	ZQ511: 5.9 in. L x 4.7 in. W x 2.4 in. H 150 mm L x 120 mm W x 62 mm H ZQ521: 6.2 in. L x 6.1 in. W x 2.6 in. H 158 mm L x 155 mm W x 67 mm H
Weight with Battery	ZQ511: 1.39lbs/0.63 kgs ZQ521: 1.73lbs/0.79 kgs

Printer Specifications

Operating System	Link-OS®
Resolution	203 dpi resolution (8 dots per mm)
Memory	4 GB RAM; 4 GB Flash (Standard) 8 MB DRAM; 64 MB Flash (User available)
Maximum Print Width	ZQ511: 2.83 in./72mm ZQ521: 4.09 in./104mm
Maximum Print Speed	Up to 5 in./127 mm per second (with Draft Mode enabled)
Media Sensors	Black mark and gap media sensing using fixed center position sensors
Print Length	Maximum: 39 in.
Power	3250 mAh (nominal), removable, rechargeable PowerPrecision+ Li-Ion battery, with optional extended battery

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Media Characteristics

Maximum Media Width	ZQ511: 3.15 in./80 mm +1 mm ZQ521: 4.45 in./113 mm +1 mm
Maximum Media Roll Size	ZQ511: 2.0 in./51 mm ZQ521: 2.24 in./57 mm
Maximum Media Thickness	0.0063 in. (0.1600 mm) for labels and 0.0055 in. (0.1397 mm) for tag/receipt
Minimum Media Thickness	0.05842mm (0.0023 in.) for all media
Media Types	Receipt, Gap/Black-mark Label, Tag, Linerless, RFID

Operating Characteristics

Environment	Operating Temperature: -4°F to 131°F/-20°C to 55°C Operating Humidity: 10% to 90% non-condensing Charging Temperature: 32°F to 104°F/0°C to 40°C Cradle Temperature: 32°F to 122°F/0°C to 50°C Storage Temperature: -22°F to 150°F/-30°C to 66°C Storage Humidity: 10% to 90% non-condensing
Agency Approvals	Emissions: FCC Part 15, Subpart B, EN55022 Class-B, EN55024, ICES-003, EN55032, and EN301489

Firmware

CPCL and ZPL® programming languages	
ZBI 2.x™ — powerful programming language that lets printers run standalone applications, connect to peripherals, and much more	
ESC-POS available via post-sale download	

Options

- RFID encoding
- Linerless printing (with silicone platen roller only)

Barcode Symbologies

- CPCL Barcode Symbologies**
- Barcode Ratios: 1.5:1, 2:1, 2.5:1, 3:1, 3.5:1
 - Linear Barcodes: Code 39, Code 93, UCC/EAN128, Code 128, Codabar (NW-7), Interleaved 2-of-5, UPC-A, UPC-E, 2 and 5 digit add-on, EAN-8, EAN-13, 2 and 5 digit add-on
 - 2D Barcodes: PDF417, MicroPDF417, MaxiCode, QR Code, GS1/DataBar™ (RSS) family, Aztec, MSI/Plessey, FIM Postnet, Data Matrix, TLC39

ZPL Barcode Symbologies

- Barcode Ratios: 2:1, 3:1, 5:2, 7:3
- Linear Barcodes: Code 11, Code 39, Code 93, Code 128, ISBT-128, UPC-A, UPC-E, EAN-8, EAN-13, UPC-A and UPC-E with EAN 2 or 5 digit extensions, Planet Code, Plessey, POSTNET, Standard 2 of 5, Industrial 2 of 5, Interleaved 2 of 5, LOGMARS, MSI, Codabar, and GS1 DataBar (RSS)
- 2D Barcodes: PDF417, MicroPDF-417, Code 49, TLC39, Maxicode, Codablock, Data Matrix, QR code, Aztec

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