

# Mobile Printer Portfolio Guide

Focusing on your printing needs





## Equip your mobile workforce with the power to print on demand

Increase your employees' productivity, precision and accuracy. Equip them with wireless mobile printers that are tailored to how they work and the job they do. Printers range from those ideal for occasional use, to rugged machines that feature a range of latest connectivity options and robust functionality that keeps you operating in even difficult situations.

## Choose the printer that is perfect for your needs

Regardless of your industry or whether you're printing barcodes, labels, receipts or tickets, we make it easy to compare Zebra mobile printer features, performance and cost. Our Premium line will keep you printing in even the most challenging, high volume environments. Rely on our Midrange printers for moderate volume, less demanding applications. And our Value class is an ideal lower volume, lower cost solution.



### PREMIUM

#### ZQ600 Series

Lightweight, drop resistant and user friendly, ZQ600 Series mobile printers are ideal for warehousing, shipping and receiving, and merchandising. Our ZQ610 and ZQ620 Healthcare mobile printers with disinfectant-ready plastics are ideal for mobile specimen collection or other healthcare applications. Use them to print barcode labels, receipts and other documents exactly when and where they're needed. The Link-OS® technology makes them easy to integrate, manage and maintain from a PC, smartphone or tablet, anywhere in the world.



### RUGGED PREMIUM

#### ZQ500 Series

The industry's most rugged mobile printers that can withstand repeated drops to concrete from 6.6' (2m). With an IP54 rating, they are protected from liquid and solid ingress, plus have a Mil-Std 810g rating for shock and drop. Large buttons and a user-friendly interface are easy to operate, even when wearing gloves. Zebra's Link-OS makes them simple to integrate, manage and maintain.



### MID RANGE

#### ZQ300 Series

The ZQ300 Series is a small mobile printer that can handle the elements, generate high quality receipts in practically any environmental condition, guarantee power for the longest shift, with a ready-to-use remote management solution — all at a price that won't break the bank. The ZQ300 — the affordable little mobile printer that delivers big business value.



### VALUE

#### ZQ220\* and ZQ110 Mobile Printers

These affordable mobile printers produce receipts and tickets on demand and on the go. It's small size and light weight make it easy to fit into a shirt or pants pocket. The "sleep mode" helps to conserve battery power, and the mobile printer connects wirelessly to a range of Apple, Android and Windows devices.

\*Not available in all regions. \*\* Only applicable on the ZQ110.



## Software

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. When it comes to performance, Print DNA enables Link-OS printers to perform at their peak — and with the common, customizable printer user experience, learning curves flatten, increasing productivity. Simplified remote management tools make it easy to deploy large fleets of printers across multiple locations. IT can now maintain, secure and troubleshoot printers from anywhere, at any time – freeing up operations to focus on work, rather than printers. And with applications that emulate non-Zebra legacy languages, integration into existing technology architectures is easy, eliminating the need to rewrite print solutions. Print DNA transforms printers from the inside.

For more information go to [zebra.com/printdna](https://zebra.com/printdna)



## Service

Maximize device availability and optimize business operations with Support and Visibility Services. Increase uptime and improve Zebra printer utilization with Zebra's industry-leading family of Support Services. [Zebra OneCare Essential and Select Support Services](#) help enable predictable performance, critical operations and improved business outcomes while eliminating unbudgeted repair expenses by providing technical support, comprehensive repair services, advance device replacement, software support and more. Going beyond traditional Support Services, Zebra OneCare offers additional options to deliver advanced visibility and predictability into your operations to help you maximize the performance of your critical Zebra Link-OS, network enabled printers, so when it comes to device analytics and visibility, you can see more and do more with our powerful [Visibility Services](#) (AVS, OVS, OVS Connect.)

For more information go to [zebra.com/zebraonecare](https://zebra.com/zebraonecare)



## Accessories

You rely on mobile printers to increase employee productivity and accuracy. Whether you're printing labels, receipts or tickets, accessories like Batteries, Chargers and Cradles, Carrying Options and others will help to make your entire operation faster, more flexible and more reliable even in harsh or other demanding environments. These accessories can help to extend your capabilities and enable you to lower the total cost of ownership.

For more information go to [zebra.com/accessories](https://zebra.com/accessories)



## Supplies

### **Zebra® Certified Supplies: Exceptionally Consistent, Consistently Exceptional**

Printing supplies can impact everything from printhead lifespan to operational efficiency. That's why we produce our own line of thermal printing supplies to ensure consistent, optimized performance in your Zebra printer — and peace of mind for you.

With Zebra Certified Supplies, you get:

#### **Unmatched Thermal Printing Expertise**

With over three decades of experience, Zebra is known the world over for our exceptional quality, durability and dedication to thermal printing technologies.

#### **Exceptional Service**

One of the largest and most experienced thermal label convertors in the world, Zebra has the size, scale and infrastructure to meet your printing supply needs quickly and effectively.

#### **Consistently Outstanding Quality**

We painstakingly comb through thousands of raw materials and only use conversion processes, inks, varnishes, tools and equipment that are optimized for thermal printing. In addition, we subject every item to rigorous testing, ensuring premium craftsmanship and durability. Only the best become Zebra Certified Supplies.

This results in:

#### **Increased Efficiency and Productivity**

Because our printing supplies are so consistent, there's no need to make printer adjustments between rolls when using the same media. Workers experience fewer hassles and require less IT assistance, reducing downtime — plus they can get more done in less time when labels consistently print, adhere and scan properly.

#### **Lower Total Cost of Ownership**

Wear and tear on printers and printheads is reduced, and the need to reprint and replace labels due to poor quality is virtually eliminated.

#### **Flexibility and Convenience**

We offer extensive customization capabilities to meet the unique needs of your specific applications, and we're able to ship hundreds of in-stock products quickly with our ZipShip<sup>SM</sup> service.



# Retail and Hospitality

## Mobile execution

Mobility has dramatically transformed the way we engage with connected customers, and the way we work. The mobile worker has to do more tasks in a more efficient and coordinated way. This provides better customer service, and ultimately a more profitable business through relevant consumer engagement, increased sales conversion and greater customer loyalty.

Primary Use Case	Ideal Applications	Print Width	Printer	
Inventory/Price Display Compliance Click and Collect	<ul style="list-style-type: none"> <li>High-duty cycle environment</li> <li>Optimized for labels, can print receipts</li> <li>Durable mobile printer</li> </ul>	<b>4" / 104mm</b> labels, receipts and/or tags	<b>ZQ630™</b>	
		<b>3" / 72mm</b> labels, receipts and/or tags	<b>ZQ620™</b>	
		<b>2" / 48mm</b> labels, receipts and/or tags	<b>ZQ610™</b>	
Inventory Management, Cycle Count Receiving, Put-Away, Reverse Logistics	<ul style="list-style-type: none"> <li>High-duty cycle environment</li> <li>Optimized for labels, can print receipts</li> <li>Durable mobile printer</li> </ul>	<b>4" / 104mm</b> labels, receipts and/or tags	<b>ZQ630</b>	
		<b>3" / 72mm</b> labels, receipts and/or tags	<b>ZQ620</b>	
		<b>2" / 48mm</b> labels, receipts and/or tags	<b>ZQ610</b>	
Picking, Staging, Packing, Shipping	<ul style="list-style-type: none"> <li>High-duty cycle environment</li> <li>Optimized for receipts, can print labels</li> <li>Most rugged mobile printer</li> </ul>	<b>4" / 104mm</b> receipts and/or labels	<b>ZQ520™</b>	
		<b>3" / 72mm</b> receipts and/or labels	<b>ZQ510™</b>	
Quick and Efficient Checkout Customer Experience	<ul style="list-style-type: none"> <li>High-duty cycle environment</li> <li>Optimized for receipts, can print labels</li> <li>Most rugged mobile printer</li> </ul>	<b>3" / 72mm</b> receipts	<b>ZQ510</b>	
		<b>3" / 72mm</b> receipts	<b>ZQ320™</b>	
	<ul style="list-style-type: none"> <li>Medium-duty cycle environment</li> <li>Optimized for receipts, can print labels</li> <li>Stylish for customer facing applications</li> </ul>	<b>2" / 48mm</b> receipts	<b>ZQ310™</b>	
		<ul style="list-style-type: none"> <li>Low-duty cycle environment</li> <li>Optimized for receipts</li> <li>Smallest, lightest and least expensive mobile printer</li> </ul>	<b>3" / 72mm</b> receipts <small>Not available in all regions.</small>	<b>ZQ220™</b>
			<b>2" / 48mm</b> receipts	<b>ZQ110™</b>



# Healthcare

## Specimen collection

Mobility in the Healthcare environment has transformed the process of accurate patient ID and specimen collection. Ensure the right specimen is collected from the right patient, at the right time and placed in the correctly labeled container, ensuring the right results—and the right course of treatment. The label is generated using a mobile device and immediately applied to vial or sample encasement.

Primary Use Case	Ideal Applications	Print Width	Printer
Specimen Collection  Blood Bank Management	<ul style="list-style-type: none"><li>• High-duty cycle environment</li><li>• Optimized for labels, can print receipts</li><li>• Healthcare facility - phlebotomy lab, hospital and/or pharmacy</li><li>• Printing at the point of application</li><li>• Disinfectant-ready mobile printer</li></ul>	3" / 72mm labels	ZQ620™ Healthcare
		2" / 48mm labels	ZQ610™ Healthcare





# Transportation and Logistics

Flawless fulfillment

Mobility has effectively transformed the way Transportation and Logistics operations redesign and execute processes to obtain productivity gains. The mobile worker is becoming more efficient and connected. This provides additional levels of visibility that translate into better customer service, and ultimately a more profitable business through sales process optimization and flawless fulfillment of products and services.

Primary Use Case	Ideal Applications	Print Width	Printer
Receiving, Put-Away, Reverse Logistics	<ul style="list-style-type: none"> <li>High-duty cycle environment</li> <li>Optimized for labels, can print receipts</li> <li>Forklift mounting*</li> <li>Rugged mobile printer</li> </ul>	4" / 104mm receipts and/or labels	ZQ630™
		3" / 72mm receipts and/or labels	ZQ620™
Inventory Management, Cycle Count	<ul style="list-style-type: none"> <li>High-duty cycle environment</li> <li>Optimized for receipts, can print labels</li> <li>Most rugged mobile printer</li> </ul>	4" / 104mm receipts and/or labels	ZQ520™
		3" / 72mm receipts and/or labels	ZQ510™
Cross-Docking	<ul style="list-style-type: none"> <li>High-duty cycle environment</li> <li>Optimized for receipts, can print labels</li> <li>Most rugged mobile printer</li> </ul>	4" / 104mm receipts and/or labels	ZQ520™
		3" / 72mm receipts and/or labels	ZQ510™
Picking, Staging, Packing, Shipping	<ul style="list-style-type: none"> <li>High-duty cycle environment</li> <li>Optimized for receipts, can print labels</li> <li>Most rugged mobile printer</li> </ul>	4" / 104mm receipts and/or labels	ZQ520™
		3" / 72mm receipts and/or labels	ZQ510™
Direct Store Delivery	<ul style="list-style-type: none"> <li>High-duty cycle environment</li> <li>Optimized for receipts, can print labels</li> <li>Most rugged mobile printer</li> </ul>	4" / 104mm receipts and/or labels	ZQ520™
		3" / 72mm receipts and/or labels	ZQ510™
Fleet Management and Maintenance	<ul style="list-style-type: none"> <li>Medium-duty cycle environment</li> <li>Optimized for receipts, can print labels</li> <li>Durable mobile printer</li> </ul>	3" / 72mm receipts and/or labels	ZQ320™
		2" / 48mm receipts and/or labels	ZQ310™
Proof of Pickup and Delivery	<ul style="list-style-type: none"> <li>Low-duty cycle environment</li> <li>Optimized for receipts</li> <li>Smallest, lightest and least expensive mobile printer</li> </ul>	3" / 72mm receipts Not available in all regions.	ZQ220™
Ticketing		2" / 48mm receipts	ZQ110™
In-Cabin Services	<ul style="list-style-type: none"> <li>Low-duty cycle environment</li> <li>Optimized for receipts</li> <li>Smallest, lightest and least expensive mobile printer</li> </ul>	3" / 72mm receipts Not available in all regions.	ZQ220™
		2" / 48mm receipts	ZQ110™





# Manufacturing and Warehouse

## Dynamic service

Mobility solutions bring to Manufacturing operations process optimization and supply chain visibility, among others. The mobile worker is now a connected node integrated to the system, sensing and collecting data to act with insight. Customer service levels are improved, and ultimately a more profitable business through gained productivity and visibility.

Primary Use Case	Ideal Applications	Print Width	Printer
Raw Materials Finished Goods	<ul style="list-style-type: none"> <li>High-duty cycle environment</li> <li>Optimized for labels, can print receipts</li> <li>Durable mobile printer</li> </ul>	4"/104mm labels and/or receipts	ZQ630™
		3"/72mm labels and/or receipts	ZQ620™
Field Sales	<ul style="list-style-type: none"> <li>High-duty cycle environment</li> <li>Optimized for receipts, can print labels</li> <li>Most rugged mobile printer</li> </ul>	4"/104mm receipts and/or labels	ZQ520™
		3"/72mm receipts and/or labels	ZQ510™
Field Service Direct Store Delivery Proof of Delivery	<ul style="list-style-type: none"> <li>Medium-duty cycle environment</li> <li>Optimized for receipts, can print labels</li> <li>Durable mobile printer</li> </ul>	3"/72mm receipts and/or labels	ZQ320™
		2"/48mm receipts and/or labels	ZQ310™
		3"/72mm receipts Not available in all regions.	ZQ220™
	<ul style="list-style-type: none"> <li>Low-duty cycle environment</li> <li>Optimized for receipts</li> <li>Smallest, lightest and least expensive mobile printer</li> </ul>	3"/72mm receipts	ZQ220™
		2"/48mm receipts	ZQ110™





# ZQ600 Series

PREMIUM

Zebra's most versatile mobile printer series

Zebra's user-friendly ZQ600 Series mobile printers help you print barcode labels and more, wherever and whenever needed. Optimized for high duty cycle label and receipt printing and designed to enhance business processes through easy integration and operation, ZQ600 Series printers deliver higher workplace performance. And, with faster processing, increased memory and a range of accessories, ZQ600 Series printers help increase both user and operational efficiencies.

### Competitive Attributes

- Optimized for high duty cycle label printing, can also do receipts and tags
- Dual-band support for 2.4GHz and 5GHz, dual radio 802.11 and Bluetooth®
- Remote management via Ethernet cradles and support for third party MDM vendors Wavelink, Soti, and Airwatch®
- Color display that is easy to use and navigate
- Large roll outer diameter for large capacity media
- Full accessory line, including forklift mounts
- Proactive alerts
- PowerPrecision+ batteries 
- Print DNA - a suite of applications, utilities and developer tools that enable better performance, simplified remote management and easier integration. 
- Link-OS® 
- "Made for iPod®/iPhone®/iPad®" (MFi)-certified and also support Android™ and Windows® devices via multi-platform SDK APPs
- Print and encode RFID tags and labels when and where you need them\*

\*RFID functionality only available on the ZQ630.



	ZQ630	ZQ620	ZQ610	ZQ610 Healthcare	ZQ620 Healthcare
Ideal Vertical Markets	Manufacturing & Warehouse T&L Retail	Retail T&L Manufacturing	Retail T&L	Healthcare	Healthcare
Weight	2.45 lbs/1.1 kg	1.6 lbs/0.73 kgs	1.25 lbs/0.57 kgs	1.25 lbs/0.57 kgs	1.6 lbs/0.73 kgs
Print Width	4"/104mm	3"/72mm	2"/48mm	2"/48mm	3"/72mm
Max Media Width	4.4"/112mm (linered) 4.1"/104mm (linerless)	3.12"/79mm	2.18"/55.4mm	2.18"/55.4mm	3.12"/79mm
Battery Capacity 	6800 mAh	3250 mAh OPTIONAL 4900 mAh	3250 mAh OPTIONAL 4900 mAh	3250 mAh	3250 mAh
Cycle	High Duty	High Duty	High Duty	High Duty	High Duty
Media Roll Diameter	INNER 0.75"/19mm OUTER 2.6"/66mm	INNER 0.75"/19mm OUTER 2.6"/66mm	INNER 0.75"/19mm OUTER 2.2"/56mm	INNER 0.75"/19mm OUTER 2.2"/56mm	INNER 0.75"/19mm OUTER 2.6"/66mm



## ZQ500 Series

**RUGGED PREMIUM**

Zebra's solution for extreme environments

Zebra's ZQ500 Series are best-in-class and the industry's most rugged mobile printers for applications outside of a business's four walls. The premium 3" (76mm) ZQ510™ and 4" (102mm) ZQ520™ printers are Zebra's next-generation of high-performance mobile printers optimized for high duty cycle receipt and medium duty cycle label printing. The printers' patented military-grade design provides exceptional durability and reliability for mobile applications in the toughest environments.

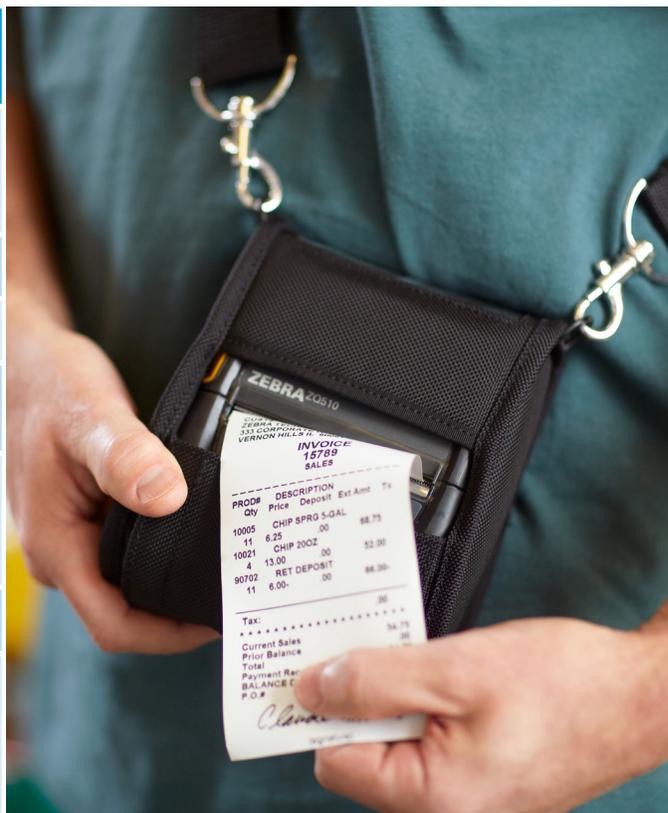
### Competitive Attributes

- Ruggedness, with MIL-STD 810g certification for drop, shock and vibration
- 6.6' / 2.0m drop (10' / 3.05m with exoskeleton)
- IP54 for protection against liquids and dust ingress (IP65 with exoskeleton)
- Latest BT standards with Bluetooth® 4.0 Low Energy
- Reliable connectivity – 802.11 a/b/g/n
- Speed of up to 5ips
- Full accessory line, including a magnetic stripe reader
- PowerPrecision+ batteries 
- Print DNA - a suite of applications, utilities and developer tools that enable better performance, simplified remote management and easier integration. 
- Link-OS® 
- “Made for iPod®/iPhone®/iPad®” (MFi)-certified and also support Android™ and Windows® devices via multi-platform SDK APPs
- Print and encode RFID tags and labels when and where you need them\*

\*RFID functionality only available on the ZQ520.



	ZQ510	ZQ520
<b>Ideal Vertical Markets</b>	<b>Manufacturing Retail T&amp;L</b>	<b>Manufacturing Retail T&amp;L</b>
<b>Weight</b>	1.39 lbs/0.63 kgs	1.73 lbs/0.79 kgs
<b>Print Width</b>	3"/72mm	4"/104mm
<b>Max Media Width</b>	3.15"/80mm	4.45"/113mm
<b>Battery Capacity</b> 	2450 mAh OPTIONAL 4900 mAh	2450 mAh OPTIONAL 4900 mAh
<b>Cycle</b>	High Duty	High Duty
<b>Media Roll Diameter</b>	INNER 0.75"/19mm OUTER 2"/51mm OPTIONAL 0.50"/13mm	INNER 0.75"/19mm OUTER 2.24"/57mm OPTIONAL 0.50"/13mm





# ZQ300 Series

MID RANGE

Zebra’s mid-range printers with the best of features, size and price

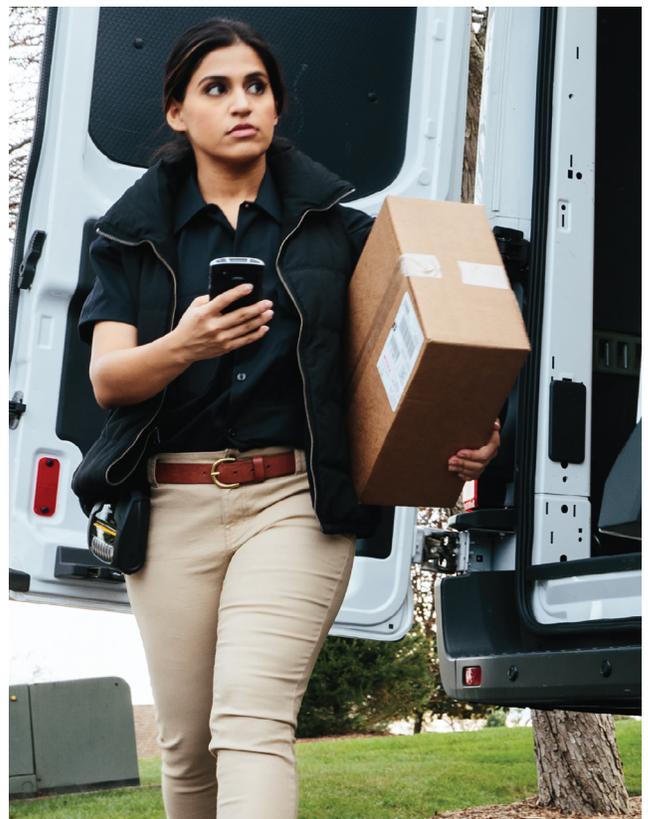
With its indoor and outdoor models, Zebra’s versatile ZQ300 Series is able to accommodate the specific needs of various vertical markets from retail and manufacturing to transportation & logistics and state government applications. Whether you need a device that is more stylish or durable, the ZQ300 Series has it all. It brings a mid-tier mobile receipt and label printing to just about any environment and any mobile application.

### Competitive Attributes

- Great looking design that’s lightweight
- World class SDKs and support for application in any development environment
- Best connectivity options for indoor and outdoor applications
- Secure Bluetooth 4.0 Low Energy, 802.11 ac, 2.4 and 5.0 GHz or USB connectivity
- Faster processing and long lasting battery for long work shifts
- Fast printing of 4ips
- PowerPrecision+ batteries 
- Print DNA - a suite of applications, utilities and developer tools that enable better performance, simplified remote management and easier integration. 
- Link-OS® 
- “Made for iPod®/iPhone®/iPad®” (MFi)-certified and also support Android™ and Windows® devices via multi-platform SDK APPs



	ZQ310	ZQ320
<b>Ideal Vertical Markets</b>	Manufacturing Retail Hospitality T&L	Manufacturing Retail Hospitality T&L
<b>Weight</b>	0.81 lbs / 0.37 kgs	0.95 lbs / 0.43 kgs
<b>Print Width</b>	1.89" / 48mm	2.83" / 72mm
<b>Max Media Width</b>	2.28" / 58mm	3.15" / 80mm
<b>Battery Capacity</b> 	2280 mAh	2280 mAh
<b>Cycle</b>	Medium Duty	Medium Duty
<b>Media Roll Diameter</b>	INNER 0.5" / 12.7mm OUTER 1.57" / 40mm	INNER 0.5" / 12.7mm OUTER 1.57" / 40mm





# ZQ110 and ZQ220 Printers

Zebra's smallest and most affordable mobile printer

Zebra's Value Class mobile printers are the printers of choice for the price-conscious buyer. As one of Zebra's smallest printers, it easily fits in your pocket—and your budget. With Zebra's reliable quality, service and support these printers give users the benefits of a Zebra-brand product at an affordable price.

### Competitive Attributes

- Economical offering
- Compact, lightweight and reliable
- A wide variety of connectivity
- Use with the latest smartphone and tablet devices
- Android, Windows and Apple compatible
- Suite of charging options
- Supports Magnetic Stripe Reader (only on the ZQ110)
- Simple and easy to use



	ZQ110	ZQ220 <small>*Not available in all regions</small>
<b>Ideal Vertical Markets</b>	<b>Manufacturing Retail T&amp;L</b>	<b>Manufacturing Retail T&amp;L</b>
<b>Weight</b>	0.50 lbs/0.23 kgs	0.92 lbs / 0.42 kgs
<b>Print Width</b>	2" / 48mm	3" / 72mm
<b>Max Media Width</b>	1.89" / 48mm	3.15" / 80mm
<b>Battery Capacity</b>	1200 mAh	2550 mAh
<b>Cycle</b>	Low Volume	Low Volume
<b>Media Roll Diameter</b>	INNER 0.5" / 12.7mm OUTER 1.18" / 30mm	INNER 0.5" / 12.7mm OUTER 2.0" / 50mm



# Mobile Printer Specifications

	PREMIUM ZQ600 Series			RUGGED PREMIUM ZQ500 Series		MID RANGE ZQ300 Series		VALUE ZQ220 & ZQ110	
	 High Duty Cycle Label and Receipt Printing			 High Duty Cycle Receipt and Medium Duty Cycle Label Printing		 Medium Duty Cycle Receipt and Label Printing		 Low Duty Cycle Receipt Printing	
<b>PRINT WIDTH</b>									
	4", 3", 2"			4", 3"		3", 2"		3", 2"	
<b>PRINT AND MEDIA SPECIFICATIONS</b>									
	ZQ630	ZQ620	ZQ610	ZQ520	ZQ510	ZQ320	ZQ310	ZQ220	ZQ110
<b>Max Media Width</b>	4.4" 112 mm 4.1" 104 mm (linerless)	3.12" 79 mm	2.18" 55.4 mm	4.45" 113 mm	3.15" 80 mm	3.15" 80 mm	2.28" 8 mm	3.15" 80 mm	1.89" 48 mm
<b>Outer Core Diameter</b>	2.6" 66 mm		2.2" 55.9 mm	2.25" 57 mm	2" 51 mm	1.88" 40 mm	1.57" 40 mm	2.0" 50 mm	2.0" 50 mm
<b>Inner Core Diameter</b>	0.75"/19.05 mm			0.75"/19.05 mm OPTIONAL 0.5"/12.7 mm		0.5"/12.7 mm		0.5" 12.7 mm	
<b>Labels</b>	High Volume			Medium Volume		Medium Volume		Low Volume	—
<b>Receipts</b>	High Volume			High Volume		Medium Volume		Low Volume	Low Volume
<b>Print Speed (up to)</b>	Up to 4.5 ips / 115 mm/s	4 ips / 102 mm/s		5 ips/ 127 mm/s		4 ips/ 102 mm/s		2.5 ips/ 60 mm/s	3.5 ips/ 90 mm/s
<b>QUANTITY PER ROLL SPECIFICATIONS</b>									
	ZQ630	ZQ620	ZQ610	ZQ520	ZQ510	ZQ320	ZQ310	ZQ220	ZQ110
<b>6" receipts (2.3 mil)</b>	295		196	208	153	152		153	42
<b>6" linerless labels (4.2 mil)</b>	161		107	114	84	83		84	—
<b>6" lined labels (6.4 mil)</b>	106		70	74	55	54		55	—

# Mobile Printer Specifications (Continued)

PREMIUM ZQ600 Series	RUGGED PREMIUM ZQ500 Series	MID RANGE ZQ300 Series	VALUE ZQ220 & ZQ110
 High Duty Cycle Label and Receipt Printing	 High Duty Cycle Receipt and Medium Duty Cycle Label Printing	 Medium Duty Cycle Receipt and Label Printing	 Low Duty Cycle Receipt Printing

PHYSICAL SPECIFICATIONS									
	ZQ630	ZQ620	ZQ610	ZQ520	ZQ510	ZQ320	ZQ310	ZQ220	ZQ110
<b>Weight (with battery)</b>	2.45lbs 1.11 kgs	1.6 lbs 0.73 kgs	1.25 lbs 0.57 kgs	1.72 lbs 0.79 kgs	1.39 lbs 0.63 kgs	0.95 lbs 0.43 kgs	0.81 lbs 0.37 kgs	0.92 lbs 0.42 kgs	0.50 lbs 0.23 kgs
<b>Battery (Li-Ion, 7.4V)</b>	 6800 mAh	 3250mAh OPTIONAL 4900 mAh		 2450mAh OPTIONAL 4900 mAh		 2280mAh		2550 mAh	1200mAh
<b>Sensors</b>	Mark, Gap, Label Present, Media Door open			Mark, Gap, Media Door open		Media Out, Media Door open		Black Mark, Gap, Media Out Sensing	Mark, Media Door open
<b>Indicators</b>	Color LCD: 240 x 288 with WML support			LCD: 240 x 42dots		LEDs		LEDs	LEDs
<b>Peeler</b>	Yes			—		—		—	—
ENVIRONMENTAL SPECIFICATIONS									
	ZQ630	ZQ620	ZQ610	ZQ520	ZQ510	ZQ320	ZQ310	ZQ220	ZQ110
<b>Drop Spec (to concrete)</b>	6' (1.83m)	5' (1.5m)		6.6' (2m) 10' (3m) with exoskeleton		5' (1.5m)		5' (1.5m)	4' (1.2m)
<b>Tumble Test (at 1 meter)</b>	—			Yes		Yes		—	—
<b>IP Rating</b>	IP43 (IP54 with case)			IP54 (IP65 with exoskeleton)		IP54		IP43 (IP53 with case)	IP54 (with case)
<b>Operating Temperature</b>	-4°F to 122°F (-20°C to 50°C)*			-4°F to 131°F (-20°C to 55°C)		14°F to +122°F (-10°C to 50°C)		14°F to 122°F (-10°C to 50°C)	5°F to 122°F (-15°C to 50°C)
<b>Storage Temperature</b>	-13°F to 149°F (-25°C to 65°C)			-22°F to 151°F (-30°C to 66°C)		-4°F to 140°F (-20°C to 60°C)		-4°F to 144°F (-20°C to 60°C)	-22°F to 158°F (-30°C to 70°C)

\*Healthcare versions operating temperatures are 32°F to 122°F (0°C to 50°C)

# Mobile Printer Specifications (Continued)

PREMIUM ZQ600 Series	RUGGED PREMIUM ZQ500 Series	MID RANGE ZQ300 Series	VALUE ZQ220 & ZQ110
 High Duty Cycle Label and Receipt Printing	 High Duty Cycle Receipt and Medium Duty Cycle Label Printing	 Medium Duty Cycle Receipt and Label Printing	 Low Duty Cycle Receipt Printing

## CONNECTIVITY SPECIFICATIONS

	ZQ630	ZQ620	ZQ610	ZQ520	ZQ510	ZQ320	ZQ310	ZQ220	ZQ110
<b>Bluetooth Capability</b>	4.1 with BLE support			4.0 Low Energy		4.0 Low Energy		4.1 Low Energy	3.0
<b>WLAN Capability</b>	802.11 a/b/g/n/ac with 802.11r 2.4 and 5.0 GHz			802.11 a/b/g/n, 2.4 and 5.0 GHz		802.11 ac, 2.4 and 5.0 GHz		—	802.11 a/b/g/n, 2.4 GHz
<b>Wi-Fi Certified</b>	•			•		•		—	—
<b>Dual Radio (BT + WLAN)</b>	•			•		•		—	—
<b>Link-OS</b> 	•			•		•		—	—
<b>MFi Certified</b>	•			•		•		•	•
<b>Android Compatibility</b>	•			•		•		•	•
<b>Windows Compatibility</b>	•			•		•		•	•
<b>Wired Capabilities</b>	Ethernet (with cradle), Serial, USB			USB On the Go		USB		USB	USB

## OTHER

	ZQ630	ZQ620	ZQ610	ZQ520	ZQ510	ZQ320	ZQ310	ZQ220	ZQ110
<b>Programming Languages</b>	CPCL, EPL, ZPL and Lineprint			CPCL, ZPL and Lineprint		CPCL, ZPL and Lineprint		CPCL	ESC-POS
<b>Magnetic Stripe Reader</b>	—			Optional		—		—	Optional
<b>Dual Tear Bar</b>	—			•		—		—	—
<b>RFID*</b>	•	—	—	•	—	—		—	—

\*RFID functionality available as a separate product.

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