



MC3390R

Product Comparison

What's new in the MC3390R?



Advanced Android platform

Android Nougat — proven, future-ready OS
More memory for superior app performance and future-proofing
Faster 1.8 GHz hexa-core processor
Unmatched value with Mobility DNA applications, utilities and developer tools



Superior RFID range and performance

Integrated long-range antenna captures RFID tags more than 60 ft./18.2 m away — 200% farther than the next leading competitor*
Zebra's high-performance ASIC-based radio delivers a read rate that is more than 25% faster and 40% more accurate than other devices in its class*
Better read range and performance than prior generation MC9190-Z handheld



Common, easy to use development tools

Single RFID software development kit across the Zebra RFID handheld portfolio
Shares EMDK with Zebra non-RFID mobile computers
New EMDK and RFID SDK for Xamarin simplifies full-fleet roll-outs and enables faster, more cost-effective development



More value with more advanced features

Large 4-inch display with choice of three keypads
Superior ergonomics — easier to carry for all-day comfort
High capacity PowerPrecision+ battery — lasts more than five hours, advanced health metrics
Faster wireless with dual-band 802.11ac

WHAT IS THE MC3390R?

Continuing Zebra's industry-leading legacy in RFID, the new MC3390R combines superior RFID range and performance and an advanced Android platform. With Zebra's signature rugged design, the MC3390R is built for maximum uptime, yet is lightweight with the right ergonomics for all-day comfort. The result? A new level of efficiency and accuracy for inventory management, order fulfillment, cross-docking and more.

* Based on Zebra test results from specific use cases.

Feature Comparison: MC3390R vs. MC9190-Z

Feature	MC3390R	MC9190-Z
 		
RFID Performance		
Fastest Read Rate	900+ tags/sec	220 tags/sec
Nominal Read Range	~60+ ft./~18.2+ m	30 ft./9.14 m
Computing Platform		
Operating System	Android 7.0 Nougat	Windows Embedded Handheld 6.5
Processor	1.8 GHz hexa-core 64-bit	806 MHz
Memory	4GB RAM/32GB Flash	256MB RAM/1GB Flash
WLAN	802.11a/b/g/n/ac/d/h/i/k/r/w	802.11a/b/g
Battery	5200 mAh with fast charging support, PowerPrecision+	2200 mAh
Mobility DNA	Yes: Mobility DNA offers a combination of productivity, management, development and visibility tools.	No
Physical		
Dimensions	6.45 in. x 3.78 in. x 10.67 in. 164 mm x 96 mm x 271 mm	10.75 in. x 4.7 in. x 7.7 in. 273 mm x 119 mm x 195 mm
Weight	26 oz./740 g (with SE4750MR) 27 oz./765 g (with SE4850)	34.35 oz./973.8 g
Display	4.0 in. WVGA color capacitive touchscreen	3.7 in. VGA color
Keypad	47-key Alpha-Numeric, 29-key Numeric, 38-key Function Numeric	28, 43 and 53-key options
Environmental		
IP Sealing	IP54	IP64
Drop Spec	5 ft./1.5 m drops to concrete over entire operating temperature range	6 ft./1.8 m drops to concrete over entire operating temperature range
Tumble Spec	1,000 1.6 ft./0.5 m tumbles	2,000 3.28 ft./1 m tumbles



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