When you upgrade to the MC3400/MC3450, you're ready to handle the rising pressures of today's on-demand e-commerce economy

Get everything you need to turbocharge your workforce productivity with the latest generation of the MC3000 Series

WiFi 6 CERTIFIED   5G

More of today's fastest wireless connections—Wi-Fi™ 6E, 5G and private 5G

More ways to capture more data with new front and rear cameras

Faster and easier data entry—keys are larger with wider spacing

A more rugged design that is more reliable—and more secure

A large suite of ready-to-use solutions that enable new capabilities and new features

There are multiple compelling reasons to upgrade to the MC3400/MC3450

FEATURE	MC3300	MC3300x	MC3300ax	MC3400/MC3450	MC3400/MC3450 BENEFIT
NEWER, FASTER, MORE ERGONOMIC PLATFORM					
OS Support	Android™ 8.1	Upgradeable to Android 14	Upgradeable to Android 14	Standard: Upgradeable to Android 15 Expanded and Full: Upgradeable to Android 18[1]	A longer Android roadmap ensures that customers will be able to access all the latest Android features throughout the lifecycle of the device.
Processor	Qualcomm® APQ8056, hex-core, 1.8 GHz	Qualcomm Snapdragon™ 660 octa-core, 2.2 GHz	Qualcomm Snapdragon™ 660 octa-core, 2.2 GHz	Qualcomm® 4490 octa-core, 2.4 GHz	A newer Qualcomm platform provides 2.5x more processing power over the SD660.
Memory	2 GB/16 GB Standard 4 GB/16 GB Premium 4 GB/32 GB Premium Plus	Worldwide: 4 GB RAM/32 GB Flash China: 4 GB RAM/16 GB Flash	4 GB RAM/32 GB Flash	Standard: 4 GB RAM/64 GB Flash Expanded: 6 GB RAM/64 GB Flash Full: 6 GB RAM/128 GB Flash	Up to 50 percent more RAM and four times the Flash for superior app performance.
Keypad	Three options	Three options	Three options	Three options; Keypad is 12% larger	The MC3400/MC3450 keypad was redesigned with larger keys and more space between the keys for faster, easier and more accurate data entry—especially with gloves.
LATEST WIRELESS TECHNOLOGIES					
Wi-Fi	Wi-Fi 5	Wi-Fi 5	Wi-Fi 6	Wi-Fi 6E	Wi-Fi 6E offers 4x the bandwidth, 4x higher capacity and 75% lower latency than Wi-Fi 5.
Cellular	No (Wi-Fi only)	No (Wi-Fi only)	No (Wi-Fi only)	MC3450: 5G, with support for private 5G (data only)	The MC3450 adds support for WWAN 5G private and public wireless data connectivity, providing high-speed, cost-effective, wireless networking options for expansive areas like ports, yards and more.
Bluetooth	V4.1	V5.0	V5.1	V5.3	Bluetooth V5.3 offers better audio quality, lower power requirements and flexible connectivity options.
MORE DATA CAPTURE OPTIONS					
Extended Range Scanning	SE4850 2.2 in. (5.6cm) to 70 ft. (21.3m) Red laser aimer	SE4850 2.2 in. (5.6cm) to 70 ft. (21.3m) Red laser aimer	SE4850 2.2 in. (5.6cm) to 70 ft. (21.3m) Red laser aimer	SE58 1D/2D Extended Range Scan Engine with IntelliFocus™ technology Less than 2 in. (5cm) to over 100 ft. (30.5m) Green laser aimer	The SE58 delivers a 20% longer read range than the SE4850; improves worker safety and productivity—less climbing or crouching to scan hard-to-reach barcodes; the additional range enables more efficient outdoor scanning in areas like ports and yards. A highly visible green laser aimer is up to 7x more visible than a red aimer; it's easier for workers to accurately aim over a wide range of distances and lighting conditions.
Rear Facing Camera	13 MP (optional) on straight shooter and turret models only	13 MP (optional) on straight shooter and turret models only	13 MP (optional) on straight shooter models only	13 MP (optional), available on both form factors (select configurations)	Thanks to design enhancements, the MC3400/MC3450 gun models now support a rear camera—allowing customers to choose their preferred form factor without sacrificing functionality.
Front Facing Camera	None	None	None	5 MP (optional), available on both form factors (select configurations)	A front-facing camera supports biometric facial recognition for enhanced security and video calls for collaboration with co-workers and supervisors.
MORE RUGGED					
Sealing	IP54	IP64	IP64	Dual IP65/IP67	The MC3400/MC3450 is dust-proof, and waterproof—able to handle being submerged in water and hosed down.
Drop Specifications	5 ft. (1.5m) to concrete over the operating temperature range	Per MIL-STD-810G: 6 ft. (1.8m) to concrete from -4F to +122F (-20C to +50C)	Per MIL-STD-810G: 6 ft. (1.8m) to concrete from -4F to +122F (-20C to +50C)	Per MIL-STD-810H: 8 ft. (2.4m)[2] to concrete at (+23C/+73F) 6 ft. (1.8m) to concrete across temperature (-20C to +50C/-4F to +122F) exceeding MIL-STD-810H	More rugged drop and tumble specifications translate to greater uptime and fewer repairs.
Tumble Specification	1,000 3.3 ft. (1m) tumbles	3,000 3.3 ft. (1m) tumbles	3,000 3.3 ft. (1m) tumbles	4,000 3.3 ft. (1m) tumbles	
MORE VERSATILITY					
Identity Guardian	No	No	No	Yes, available on devices with front-facing camera	With biometric facial recognition, workers get easy device access, while organizations get the peace of mind that device access is restricted to pre-authorized users only, eliminating the risk of shared or compromised passwords.[3]
TE Support	Ivanti All-Touch TE (ATTE) pre-installed and pre-licensed on the gun configurations Pre-installed only on straight shooter, rotate and angled @ 45 degree form factors	Ivanti All-Touch TE (ATTE) pre-installed and pre-licensed on the gun configurations Pre-installed only on straight shooter (brick), rotate and angled @ 45 degree form factors TekTerm for Android available for purchase	Ivanti All-Touch TE (ATTE) and TekTerm for Android available for purchase	On Gun Expanded and Full Feature Configurations: Ivanti All-Touch TE (ATTE) pre-loaded with a subscription for the life of the device. All Straight Shooter and Gun Standard Configurations: Ivanti All-Touch TE (ATTE) pre-loaded with a limited 12-month term subscription	With the MC3400/MC3450, every device is equipped with Terminal Emulation, pre-loaded and pre-licensed, ensuring support for legacy applications right out of the box.

1. Pending Qualcomm commitment.
2. Applicable to WLAN Gun configuration only.
3. Identity Guardian's biometric facial recognition feature requires the purchase of an optional license.

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