

MC9300 Ručni mobilni terminal

Ultimativno Android™ ultra-robustno mobilno računalo s tipkovnicom i ekranom na dodir

Svaki dan više od tri milijuna radnika diljem svijeta koristi mobilno računalo serije MC9000 za poboljšanje procesa u skladištima i proizvodnim pogonima. Predstavljamo mobilno računalo spremno za najteže zadatke, MC9300 – sljedeća evolucija najprodavanijeg i najpouzdanijeg mobilnog terminala na svijetu. Vaši radnici dobivaju vrhunsku jednostavnost s Androidom, operativnim sustavom koji vaši radnici već dobro poznaju, većim zaslonom osjetljivim na dodir i fizičkom tipkovnicom. Rukujte svim svojim aplikacijama s vrhunskom procesorskom snagom i memorijom. Nove mogućnosti snimanja podataka uključuju opcionalne prednje i stražnje kamere, izvanredne raspone skeniranja i superiorno snimanje direktnih dijelova (DPM). Nova baterija traje dvostruko dulje od MC9200 s jednim punjenjem. To je najrobustnija serija MC9000 ikad stvorena, spremna nadživjeti gotovo svaki uređaj u svojoj klasi u bilo kojem okruženju — uključujući i hladnjače.



Glavne značajke uređaja

Maksimalna snaga procesora i memorije

Iznimno snažan procesor s 8 jezgri kombinira se s do osam puta više RAM-a i 16 puta više Flash memorije od MC9200 kako bi pružio vrhunske performanse u svim vašim glasovnim i podatkovnim aplikacijama.

Napajajte cijelu smjenu i dalje uz maksimalnu snagu baterije

Baterija PowerPrecision+ daje najveću snagu baterije u svojoj klasi — gotovo dvostruko duže vrijeme rada baterije od MC9200, plus brzo punjenje i obilje statistike baterije za bolje upravljanje baterijom. A uz PowerPrecision Console, besplatni alat Mobility DNA baziran na osobnom računalu, lako je identificirati i odbaciti stare baterije prije nego što utječu na produktivnost radne snage i vaše operacije.

Najizdržljiviji uređaj u svojoj klasi

Kada se radi o rukovanju u najsurovijim okruženjima, MC9300 je na vrhu svoje klase. MC9300 je vodootporan, otporan na padove i prašinu, nudeći vrhunsku pouzdanost. A Corning Gorilla Glass donosi maksimalnu otpornost na ogrebotine i udarce za dvije najosjetljivije značajke uređaja — zaslon i izlazni prozor.

Pouzdana vrhunske WiFi veze

S tehnologijom 2x2 Multiple-User Multiple Input Multiple Output (MU-MIMO) i WorryFree WiFi, besplatnim alatom Mobility DNA, dobivate povećani domet i brzinu WiFi mreže, gotovo trenutno vrijeme odziva aplikacija, neusporedivi roaming, iznimnu kvalitetu glasa i mrežnu dijagnostiku.

Doživotni zaštitar za Android

S LifeGuard™ za Android™ dobivate sigurnosna ažuriranja koja su vam potrebna kako bi vaši Zebra Android uređaji bili sigurni svaki dan kada su u službi — zajedno s jednostavnom end-to-end kontrolom procesa ažuriranja OS-a, plus podrška za buduće verzije Androida.

Veći zaslon osjetljiv na dodir s naprednom tehnologijom

Veliki višedodirni WVGA zaslon od 4,3 inča omogućuje vašim radnicima da vide više poslovnih podataka. Koristite prst — čak i s debelom rukavicom — ili olovku. Korisnici mogu komunicirati sa zaslonom čak i ako je zaslon mokar.

Napredno industrijsko skeniranje i izvanredan raspon skeniranja

S našim naprednim mehanizmima za skeniranje, vaši radnici mogu uhvatiti gotovo svaki crtični kod u bilo kojem stanju, svaki put. SE4850 Extended Range Imager bilježi crtične kodove u rukama i na vašim najvišim policama skladišta.

Najbolje od oba svijeta — zaslon osjetljiv na dodir i unos tipkovnicom

Maksimalno povećajte jednostavnost unosa podataka pomoću fizičkih tipki na tipkovnici ili putem samog ekrana osjetljivog na dodir. A budući da možete jednostavno zamijeniti tipkovnice izravno u svom objektu, možete prenamijeniti uređaje ili odmah zamijeniti pokvarene tipkovnice — bez odlaska u servis i bez prekida rada uređaja.

Model za najizazovnija okruženja

Bez obzira na to uključuje li vaše okruženje zamrzivače, hladnjače ili prisutnost opasnih materijala, postoji model MC9300 koji će zadovoljiti vaše potrebe. Model sa zamrzivačem uključuje grijani izlazni prozor skenera i grijanu bateriju za zamrzavanje. A nezapaljivi model klase 1 Div 2 omogućuje korištenje uređaja u područjima sa zapaljivim plinovima i materijalima.



Specifications

Physical Characteristics	
Dimensions	9.4 in. L x 3.5 in. W x 7.4 in. H 240 mm L x 88 mm W x 189 mm H
Weight	26.9 oz./765g with battery
Display	4.3 in. WVGA (800 x 480), color display
Imager Window	Corning Gorilla Glass
Touchpanel	Dual mode capacitive touch with finger, gloved finger or stylus input (conductive stylus sold separately); screen protector (sold separately); Corning Gorilla Glass with air gap (standard model) or optically bonded (freezer model).
Backlight	LED backlit display
Power	Rechargeable Li-Ion: 3.6V, 7000mAh, (Freezer Capacity battery – 5000mAh) Both batteries offer: PowerPrecision+ with improved battery technology for longer cycle times and real-time visibility into battery metrics for better battery management, fast charging (up to 2.4A); hot swap battery backup with temporary session persistence
Expansion Slot	User accessible MicroSD with 32GB SDHC and up to 256GB SDXC
Network Connections	USB 2.0 High Speed (Host and Client), WLAN and WPAN (Bluetooth)
Notification	Audible tone; Multi-color LED bar (between keyboard and display), haptic feedback
Keypad	Backlit, Field replaceable keypads; 58 Key Alpha-Numeric, 53 Key Alpha-Numeric STD, 53 Key Terminal Emulation (5250 and VT), 43 Key, 34 Key Numeric/Function, 29 Key Numeric/Calculation
Voice and Audio	Speaker, Microphone, PTT Voice (Internal Speaker and Bluetooth Wireless Headset Support).
Performance Characteristics	
CPU	Qualcomm Snapdragon™ 660 octa-core, 2.2 GHz
Operating System	Android 11; upgradeable to Android 14
Memory	4 GB RAM/32 GB Flash pSLC
User Environment	
Operating Temp.	Standard: -4°F to 122°F/-20°C to +50°C, Freezer: -22°F to 122°F/-30°C to +50°C
Storage Temp.	-40°F to 158°F/-40°C to 70°C
Humidity	Standard: 5% to 95%, non-condensing; Freezer: 5% to 95%, condensing (Condensation resistant model with integrated exit window heater)
Drop Specification	Standard: 10 ft. (3.1m) drops at room temperature per MIL-STD-810G, 8 ft. (2.4m) drops to concrete across temperature per MIL-STD-810G Freezer: 7 ft. (2.1m) drops to concrete across temperature per MIL-STD-810G.
Tumble Specification	6,000 3.3 ft. (1m) tumbles; meets and exceeds IEC tumble specification.
Sealing	IP67 and IP65 per applicable IEC sealing specifications

Vibration	4 g's PK Sine (5 Hz to 2 kHz); 0.04 g 2Hz Random (20 Hz to 2 kHz); 60 minute duration per axis, 3 axis
Thermal Shock	-40°F to 158°F (-40° C to 70° C) rapid transition
Electrostatic Discharge (ESD)	± 15kVdc air discharge; ± 8kVdc direct discharge; ± 8kVdc indirect discharge
Interactive Sensor Technology (IST)	
Ambient Light Sensor	Automatically adjusts display and keypad backlight brightness
Motion Sensor	3-axis Accelerometer with MEMS Gyro
Data Capture	
Scanning	SE965: 1D standard range laser scanner SE4750: 1D/2D standard range omnidirectional imager SE4770: 1D/2D standard range omnidirectional imager SE4750 DPM: Direct Part Mark (DPM) imager SE4850: 1D/2D extended range imager
Camera	Front: 5MP fixed focus, 2.0 aperture Rear: 13MP autofocus, 2.2 aperture, flash LED generates balanced white light, support torch mode, supports rear camera barcode scanning
NFC	Tap to Pair, ISO 14443 Type A and B, Felica and ISO 15693 cards, P2P mode and Card Emulation via Host (HCE) support
Wireless LAN	
Radio	IEEE 802.11 a/b/g/n/ac/d/h/i/r/k/w; Wi-Fi certified; IPv4, IPv6, 2x2 MU-MIMO
Data Rates	5GHz: 802.11a/n/ac – up to 866.7 Mbps 2.4GHz: 802.11b/g/n – up to 300 Mbps
Operating Channels	Channel 1-13 (2412-2472 MHz); Chan 36-165 (5180-5825 MHz) Channel Bandwidth: 20, 40, 80 MHz Actual operating channels/ frequencies and bandwidths depend on regulatory rules and certification agency
Security and Encryption	WEP (40 or 104 bit); WPA/WPA2 Personal (TKIP and AES); WPA/WPA2 Enterprise (TKIP and AES) - EAP-TTLS (PAP, MSCHAP, MSCHAPv2), EAP-TLS, PEAPv0-MSCHAPv2, PEAPv1-EAP-GTC and LEAP, EAP-PWD FIPS 140-2 Level 1: Data in Motion and Data at Rest
Multimedia	Wi-Fi Multimedia (WMM and WMM-PS; Including TSPEC)
Certifications	WFA (802.11n, WMM-PS, 802.11ac, PMF, WMM-AC, Voice Enterprise, WiFi Direct and WPS 2.0)
Fast Roam	PMKID caching; Cisco CCKM; 802.11r; OKC
Wireless PAN	
Bluetooth	Class 2, Bluetooth V5.0 with BR/EDR and Bluetooth Low Energy (BLE) Support

Markets and Applications

Logistics

- Receiving/put-away
- Inventory management
- Returns processing
- Cross dock operations
- EDI transactions/picking

Manufacturing

- Inventory management
- Supply-line replenishment
- Safety testing
- Quality control audits
- Parts tracking/track and trace

Retail

- Retail/inventory management
- Price audits/changes
- Back of store order fulfillment
- Store receiving

Cold Chain

- Receiving/putaway
- EDI transactions/picking
- Inventory management
- Supply-line replenishment
- Safety testing
- Quality control audits

Government

- Receiving/put-away
- Inventory management
- Returns processing
- Cross dock operations
- EDI transactions/picking

Device Approvals and Compliance

TAA (Optional on select configurations)	Trade Agreement Act optional on select configurations. Compliant, FIPS 140-2 (DIM and DAR) support; FIPS 140-2 Level 1: Data in Motion and Data at Rest
Non-Incendive (NI) (Optional on select configurations)	Suitable for use in Class I, II, III Div 2 Safety: cULus Listing – ISA/ANSA 12.12.01 Gases: Class I – Groups A, B, C, D Dusts: Class II – Groups F, G Fibers and Flyings: Class III -20°C ≤ Ta ≤ +50°C T6

Communication and Messaging

Workforce Connect PTT Express (included) provides instant push-to-talk small group communications across Wi-Fi networks. Workforce Connect PTT Pro (supported) provides a scalable network agnostic push-to-talk solution which also includes messaging, location services and two-way radio integration. Workforce Connect Voice client (supported) enables the MC9300 to function as a full featured mobile telephone with multi-line capability across Wi-Fi networks featured mobile telephone with multi-line capability across Wi-Fi networks.

Environmental Compliance

Environment

- RoHS Directive 2011/65/EU; Amendment 2015/863
- REACH SVHC 1907/2006

A complete list of product and materials compliance, please visit:
www.zebra.com/environment

Warranty

Subject to the terms of Zebra's hardware warranty statement, the MC9300 is warranted against defects in workmanship and materials for a period of 1 (one) year from the date of shipment. For complete warranty statement, please visit:
<http://www.zebra.com/warranty>

Recommended Services

Zebra OneCare® Essential and Select support services
Zebra Visibility Services - VisibilityIQ™ Foresight or Asset Visibility Service

Platforming

Mobility DNA, Enterprise MDK, Standard Android SDK and SOTI for Android, Analytics Agent

Footnotes

1. Available in North America.

For details related to Common Criteria support, please visit:
www.zebra.com/commoncriteria

Mobility DNA

Mobility DNA solutions help you get more value out of our mobile computers by adding functionality as well as simplifying deployment and management of our mobile devices. For more information on these Zebra-only features, please visit www.zebra.com/mobilitydna

Mobility DNA is available on Android only. Features may vary by model and a Support Contract may be required. To learn what solutions are supported, please visit: <https://developer.zebra.com/mobilitydna>

