MC3200

Mobile Computer

RE-SET THE BAR FOR PRODUCTIVITY IN INVENTORY MANAGEMENT WITH THE NEXT GENERATION IN THE CLASS LEADING

Customer satisfaction and the success of your business are tightly tied to how efficiently and accurately you can manage your inventory. You need to know what you have on hand at all times to prevent costly out-of stocks, while your workers need to rapidly and accurately pick orders to ensure that customers receive the right items, on time. With the MC3200, you will. Now with more options, this cost-effective, lightweight and rugged mobile computer provides the tools your workers need to complete inventory-related tasks in seconds, from the store sales floor to the loading dock.

Every day, workers use one of three ergonomic models in the MC3000 Series to bring all day comfort to any job, from voice-picking to the most scan-intensive tasks. And since the MC3000 Series has been one of our most popular mobile computers for over 10 years, you get a tough and tested mobile computer you can trust to take your inventory management efficiency to the next level.

The MC3200 is at home in...

Retail
- Backroom/ warehouse management
- Price verification/ updates
- Store receiving
- Picking and putaway
- Inventory management
- In-store communications
- Voice-directed applications

Warehousing/ Distribution
- Warehouse management
- Picking and putaway
- Returns processing
- Voice-directed applications
- EDI transactions
- Yard management

Manufacturing
- Inventory management
- Supply-line replenishment
- Safety testing
- Parts tracking

Government (Federal, State and Local agencies)
- Warehouse management
- Asset management and tracking
- Voice-directed applications
- Inspections/ maintenance

ICS

RETAIL INFORMATION SYSTEMS

Specifications Chart*

PRODUCT NAME	
MC3200	

PHYSICAL CHARACTERISTICS	
Dimensions	**Straight Shooter:** 7.49 (L) x 3.22 (W) x 1.78 (D)"/ 190.4 (L) x 81.9 (W) x 45.2 (D)mm *At grip:* 2.4 (W) x 1.35 (D)" 60.9 (W) x 34.2 (D)mm **Rotating Turret:** 8.37 (L) x 3.22 (W) x 1.57 (D)"/ 212.6 (L) x 81.9 (W) x 40 (D)mm *At grip:* 2.4 (W) x 1.35 (D)" 60.9 (W) x 34.2 (D)mm **Gun:** 7.59 (L) x 3.18 (W) x 6.5 (D)"/ 192.7 (L) x 80.8 (W) x 166 (D)mm
Weight (including strap,stylus, and battery)	**Straight Shooter:** 12.88oz./ 365g **Rotating Turret:** 13.13oz./ 372g (with standard battery) **Gun:** 18.0oz./ 509g (with extended battery)
Display	3" color (TFT) (320 x 320) display
Touchpanel	Chemically strengthened glass, resistive touch
Backlight	LED backlight
Keypad Options	• 28-key Numeric • 38-key Shifted Alpha • 48-key Alpha-Numeric
Expansion Slot	User accessible Micro SD slot; (supports up to 32GB microSDHC)
Notifications	LEDs and audio
Audio	Speaker, microphone and headset connector (2.5mm jack)

PERFORMANCE CHARACTERISTICS	
CPU	• Standard: Dual core 800MHz OMAP4 Processor or • Premium: Dual core 1GHz OMAP4 processor
Operating System	• Choice of Windows Embedded • Compact 7.0 (Standard or Premium) or • Android 4.1 (Premium)
Memory	• Standard: 512MB RAM/ 2GB Flash • Premium: 1GB RAM/ 4GB Flash
Power	PowerPrecision Li-Ion batteries Two options: High Capacity 4800mAh or Standard Capacity 2740mAh (not available on gun form factor)

USER ENVIRONMENT	
Drop Specification	Multiple 4'/ 1.2m drops to concrete across the operating temperature range, multiple 5'/ 1.5m drops to concrete at ambient temperature 73˚F/ 23˚C; meets and exceeds MIL-STD 810G
Tumble Specification	500 1.64'/ 0.5m tumbles (1,000 drops) at room temperature per IE C 68-2-32 tumble specifications
Operating Temperature	-4~122˚F/ -20~50˚C
Storage Temperature	-40~158˚F/ -40~70˚C
Battery Charging Temperature	32~104˚F/ 0~40˚C
Sealing	IP 54 per IE C specification
Humidity	10%~95% non-condensing
ESD	• EN61000-4-2 • ± 20kV Air discharge • ±10kV direct discharge • ±10kV indirect discharge

DATA CAPTURE	
Scanning	• **1D Laser**[1]: SE965 Standard Range with Adaptive Scanning (all models) • **1D/2D Imager**: SE4750-SR (Straight Shooter and Gun models only)

INTERACTIVE SENSOR TECHNOLOGY (IST)	
Motion-sensor	• **CE7.0/Premium model:** 3-axis accelerometer that enables motionsensing applications on dynamic screen orientation, power management and free-fall detects; • **Android:** 3-axis accelerometer that detects screen rotation

VOICE AND AUDIO

• PTT (client included)
• High-quality speakerphone
• Wireless (Bluetooth) and wired headset support
• PTT will support headset and speakerphone mode.

NETWORK COMMUNICATIONS

I/O: USB 1.1 Full Speed Host/Client or RS232

APPLICATIONS

Included Applications: Asset Tracker Lite

WIRELESS LAN VOICE AND DATA COMMUNICATIONS	
Radio	IEEE ® 802.11a/b/g/n
Security	• **Security Modes:** Legacy[3], WPA and WPA2 or (Personal or Enterprise); 802.1X • **Encryption:** WEP 40/WAP104, TKIP and AES • **Authentication:** TL S; TTL S (CHAP[3], MSCHAP, MSCHAPv2, PAP or MD5[3]); PE AP (TLS[3], MSCHAPv2, GTC); LEAP; FAST (TLS[3], MSCHAPv2, GTC) • **Other:** Wi-Fi CCXv4 certified; supports IP v6; FIP S 140-2 certified (Android), Q4-2014 (WinCE)
Antenna	Internal antenna w/diversity
Data Rates	• 802.11a/g: up to 54Mbps • 802.11b: up to 11Mbps • 802.11n: up to 65Mbps (72 Mbps w/SGI)
Operating Channels	Chan 36-165 (5180~5825MHz), Chan 1-13 (2412~2472MHz); Actual operating channels/ frequencies depend on regulatory rules and certification agency

WIRELESS PAN DATA AND VOICE COMMUNICATIONS	
Bluetooth®	Class II, v2.1 with Enhanced Data Rate (EDR); integrated antenna