

# M7225



## Wireless Handheld Computer



The M7225 is a richly featured, wireless handheld computer designed for use in retail, manufacturing, and warehouse data capture applications. Its industrial rating makes it durable enough for harsh or challenging environments, but it is lightweight and compact enough to be used in retail and other commercial applications. Powered by Windows® CE 6.0, the M7225 is available with a high-power, Summit 802.11a/b/g radio, laser or 2D barcode scan engines, 3.5" high-color LCD with touch panel, and full audio support. For virtually any barcode data collection application, the M7225 is the sensible solution.

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SINCE 1983 ★★★★★



The M7225 has numerous charging options available and comes with or without a pistol grip handle.



### Features

- Multiple Scan Engine Options
- 19.2 watt hour Li-Ion battery
- Weighs just 17.6 oz (500 grams) w/o handle
- Windows® CE 6.0
- 128MB RAM, 128MB ROM (microSD card for expansion)
- Full audio capability
- Numerous configurations available

### Benefits

- Available with fully integrated Lorax "Near/Far" laser, 1D laser, or 2D omni-directional imager.
- Enables all-day operation without a battery swap or re-charge.
- Minimizes fatigue, permitting all day use in scan-intensive applications.
- Latest embedded operating system from Microsoft®. Use standard Windows embedded software tools including Microsoft Embedded Visual C++ and Visual Studio to develop custom applications.
- More than enough memory for virtually any software application.
- Integrated amplified speaker and headphone/microphone jack. Dedicated high-power beeper for barcode scanner.
- Configure the M7225 to fit the application requirements. Choose between 1D and 2D barcode scan engines. Connectivity options include a high-power, Summit 802.11a/b/g radio or batch operation. Available with or without pistol-grip handle.

## General Specifications

<b>Dimensions</b>	225 mm L x 89 mm W x 57 mm D (8.9" L x 3.5" W x 2.3" D)
<b>Weight</b>	500g / 17.6 oz (w/o optional handle)
<b>Drop Specifications</b>	5 ft. (1.5m) drop to concrete
<b>Display</b>	3.5" QVGA (320x240), 16-bit Color TFT LCD
<b>Touchscreen</b>	Integrated Resistive Touch Panel
<b>Keypad</b>	55-key alphanumeric
<b>Power</b>	2600 mAh Lithium-ion; 19.2 watt-hours
<b>Internal Backup Battery</b>	3.7V, 160 mAh Lithium-ion; retains memory during battery swaps
<b>I/O Ports</b>	USB Host/Slave - expands through communication cradle
<b>WLAN</b>	High-Power (63mW) Summit 802.11a/b/g
<b>Audio</b>	Hi-Fi Digital Audio codec with up to 48MHz sample rate; Integrated Speaker and Amplifier; Internal headphone/microphone driver with standard 3.5mm jack; Integrated high-power scan engine beeper
<b>Bar Code Scanning</b>	Lorax "Near/Far" Laser; Standard Range Laser; 2D Omni-Imager
<b>User Feedback</b>	OnScreen Scan Verification; Beeper/Speaker; Internal programmable vibration motor; Good/Bad read LED

## Performance Specifications

<b>Processor</b>	Samsung® S3C2440 @ 400 MHz
<b>Architecture</b>	32-bit RISC ARM9 with AMBA (Advanced Microcontroller Bus Architecture)
<b>Memory (RAM)</b>	128 MB RAM
<b>Memory (Flash storage)</b>	128 MB Integrated Flash ROM
<b>Memory Expansion</b>	microSD Card Socket
<b>Operating System</b>	Windows® Embedded CE 6.0 R2
<b>Software</b>	Internet Explorer®; Remote Desktop; Wavelink TE Client (license sold separately)

## Summit® Radio Specifications

<b>Radio</b>	IEEE 802.11a/b/g
<b>Frequency</b>	2.4 GHz Range
<b>Output Power</b>	18 dBm (63 mW)
<b>Receive Sensitivity</b>	-96 dBm @ 1 Mbps
<b>Security</b>	None; 64/128 Bit WEP; WPA/WPA2 Personal (PSK); WPA/WPA2 Enterprise (EAP); 802.1X Authentication Supplicants; Cisco Compatible Extensions (Version 4)



## Environmental Specifications

<b>Operating Temp</b>	-20° to 50° C / -4° to 122° F
<b>Storage Temp</b>	-30° to 60° C / -22° to 140° F
<b>Humidity</b>	0% to 90% RH, non-condensing
<b>Electrostatic Discharge</b>	15kVDC through air; 8kVDC contact
<b>Sealing</b>	IP54; NEMA 12

## Regulatory Specifications

<b>Certifications</b>	FCC, CE
<b>Environmental</b>	RoHS, Pb-Free

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