

# MC9000-G Series



## MOBILE COMPUTERS

### Real-Time Mobile Computing Delivers Real Business Value

The MC9000-G Series from Symbol Technologies is an elegant, ruggedized mobile computer for use in bar code scanning-intensive applications throughout your enterprise. The MC9000-G gives your organization real-time access to mission-critical information from key points in your supply chain.

With a feature set that delivers superior data collection, communication and collaboration, the MC9000-G facilitates faster decision-making and increased productivity in a variety of environments—from the factory to the warehouse to the sales floor.

Market	Applications	Users
Manufacturing	Inventory management Supply-line replenishment Safety testing Parts tracking Maintenance/repair operations Shop floor communications Compliance verification Receiving/putaway/shipping	Assembly-line personnel Shipping/receiving personnel Shift supervisors Repair depot personnel
Retail	Warehouse management Price audits/changes Store receiving Inventory management Shrinkage control In-store communications	Sales associates Receiving-dock personnel Stock-room personnel Supervisors Merchandise managers Label printing staff
Wholesale Distribution	Warehouse management Returns processing EDI transactions Yard management	Warehouse personnel Loading-dock personnel Supervisors
Third-party Logistics	Warehouse management	Warehouse personnel

### An Unprecedented Integration of Flexibility, Performance and Power

The MC9000-G Series takes your supply chain management to a new level of efficiency with exciting and versatile features. It gives you dynamic functionality, including long- and short-range variable laser scanning for all popular 1D bar codes, plus the optional imager supports a growing number of 2D symbologies. Robust memory (up to 64MB) and a powerful high-speed processor ensure maximum user productivity. And the unique torque-cell construction delivers unmatched ruggedness to perform in the toughest environments and to protect your investment.



Features	Benefits
Variable range scan engine	Allows short- (4 in./0.10 m) or long-range (40 ft./12.2 m) bar code scanning in one device
Extremely rugged design withstands multiple 6 ft. drops (1.8 m) to concrete; 2,000 1 m tumbles (4,000 hits)	Ensures less down time due to accidental drops
IP64 sealing rating (electronic enclosure)	Protects against water and dust to ensure reliable performance in rough conditions
Microsoft® Windows® CE .NET, Windows Mobile 2003 operating systems/terminal emulation software	Gives versatility through familiar interfaces with wide software application support
Intel® XScale™ PXA255 processor at 400 MHz	Delivers high-speed CPU performance for robust enterprise applications, including multimedia
3.8" large, bright, color display with backlit keypad	Allows easy viewing in many environments, such as ambient light
RS232/USB client or wireless LAN communications	Enables real-time data exchange for maximum productivity
Modular 43- and 53-key field-replaceable keyboard options	Provides multiple modes of data entry for maximum efficiency
Forward scanning, pistol grip ergonomics	Reduces user fatigue in scan-intensive applications

### Unlock the Value of Your Information with End-to-End Mobility

End-to-end mobility solutions for the supply chain go beyond mobile devices and wireless connectivity. Symbol Enterprise Mobility Services was designed to ensure that every aspect of your mobility solution works seamlessly and at maximum efficiency.

For more information on the MC9000-G and its full line of accessories, contact us at +1.800.722.6234 or +1.631.738.2400, or visit us on the web at: [www.symbol.com/mc9000-g](http://www.symbol.com/mc9000-g)

# MC9000-G Series Specification Highlights

## Physical and Environmental Characteristics

Dimensions:	9.2 in. L x 3.6 in. W x 7.6 in. H
Weight:	26 oz. (includes battery, scanner and radio)
Keyboard:	43- and 53- key Terminal emulation (5250, 3270, VT)
Display:	
Embedded CE models:	3.8 in. 1/4 VGA Mono or Color
Windows Mobile models:	3.8 in. 1/4 VGA Mono or Color
Power:	Removable, rechargeable 7.4 volt 2200 mAh Li Ion battery pack (2200mAh, 7.4V)

## Performance Characteristics

CPU:	XScale PXA255 processor at 400 MHz
Operating System:	Microsoft Windows Embedded CE. NET or Windows Mobile 2003
Memory:	Embedded CE: 32/32 MB or 64/64 MB Windows Mobile: 64/64 MB
Application Development:	SDK available through Symbol Developer Zone Web site
Data Capture Options:	1D scan engine Omni-directional 1D and 2D imaging engine

## User Environment

Operating Temperature:	Monochrome: -13 F° to 122° F (-25° C to 50° C) Color: -4 F° to 122° F (-20° C to 50° C)
Storage Temperature:	-25° F to 160° F (-40° C to 70° C)
Humidity:	5% to 95% non condensing
Drop Spec:	Multiple drops to concrete: 6 ft: -10° C to 50° C 5 ft: -25° C to -10° C
Tumble:	2,000 one-meter tumbles at room temperature (4,000 hits)
Environmental Sealing:	IP64 (electronic enclosure)
ESD:	+/-15kVdc air discharge +/-8kVdc direct discharge, +/-8kVdc indirect discharge

## Wireless Data Communications

WLAN:	Symbol Spectrum24, 802.11b, 802.11
Output Power:	100 mW U.S. and international
Data Rate:	802.11b: 11 MB per second 802.11: 2 MB per second
Antenna:	Internal
Frequency Range:	Country-dependent; typically 2.4 to 2.5 GHz
Bluetooth Support:	Optional

## Peripherals and Accessories

Cradles:	Single-slot and 4-slot cradles available
Printers:	Supports extensive line of Symbol-approved printers, cables and accessories
Charger:	4-Slot universal battery charger
Other Accessories:	Cable adapter module; snap-on magnetic stripe reader and modem; full set of holsters

## Regulatory

Electrical Safety:	Certified to UL60950, CSA C22.2 No. 60950, EN60950/IEC 950
EMI/RFI Radio Versions:	North America: FCC Part 2 (SAR), FCC Part 15 RSS210 Class B, EN 301 489-1, 489-17
EMI/RFI Batch Versions:	EU: EN55022 Class B EN55024 Japan: CISPR 22, Class B Australia: AS3548 North America: FCC Part 15, ICES 003 Class B
Laser Safety:	IEC Class2/FDA Class II in accordance with IEC60825-1/EN60825-1

**EN410 CE**



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**Corporate Headquarters**  
**Symbol Technologies, Inc.**  
One Symbol Plaza  
Holtsville, NY 11742-1300  
TEL: +1.800.722.6234/+1.631.738.2400  
FAX: +1.631.738.5990

**For Asia Pacific Area**  
**Symbol Technologies Asia, Inc.**  
(Singapore Branch)  
Asia Pacific Division  
230 Victoria Street #05-07/09  
Bugis Junction Office Tower  
Singapore 188024  
TEL: +65.6796.9600  
FAX: +65.6337.6488

**For Europe, Middle East and Africa**  
**Symbol Technologies**  
EMEA Division  
Symbol Place, Winnersh Triangle  
Berkshire, England RG41 5TP  
TEL: +44.118.9457000  
FAX: +44.118.9457500

**For North America, Latin America and Canada**  
**Symbol Technologies**  
The Americas  
One Symbol Plaza  
Holtsville, NY 11742-1300  
TEL: +1.800.722.6234/+1.631.738.2400  
FAX: +1.631.738.5990

**Symbol Website**  
For a complete list of Symbol subsidiaries and business partners worldwide contact us at:  
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**The MC9000-G: A versatile, powerful, rugged device that lets you unlock valuable information from key points in your supply chain.**

### Extremely Rugged Design

- ▶ Withstands multiple 6-ft. drops to concrete
- ▶ IP 64 sealing rating to protect against water and dust

### Multiple Scanning and Imaging Options

- ▶ Allows short- or long-range scanning of 1D bar codes; optional imager supports 2D symbologies

### Field-Replaceable Keyboard

- ▶ 43- and 53- position modular keyboard for maximum versatility



### Display

- ▶ Large, bright monochrome or color 3.8 inch 1/4 VGA display for improved ease-of-use and accuracy

### Power

- ▶ Removable, rechargeable battery pack for a longer life between charges

### Operating Systems

- ▶ Choose to run Embedded Microsoft® Windows® CE .NET, Windows Mobile or terminal emulation for legacy applications

### Handle

- ▶ Ergonomically designed to reduce operator fatigue, increasing overall productivity

