



MC9000-S

Improve Mobile Employee Productivity

The rugged MC9000-S Series mobile computer from Symbol Technologies, The Enterprise Mobility Company™, is designed for true mobile field applications. It delivers real-time visibility into your company's day-to-day business transactions for improved efficiencies, reduced costs and new competitive advantage.

Built for harsh environments, the durable MC9000-S helps reduce errors and improve productivity for field workers. For route drivers, technicians or law enforcement, it gives instant access to mission-critical customer information.

Future Proof Your Investment

The full featured MC9000-S gives you a number of ways to protect your investment. Improve efficiency with faster software upgrades and future proof your investment with a more scalable, flexible architecture. Choose data capture and communication options to meet your needs—from imaging or laser bar code scanning to wired or wireless connectivity. Select Microsoft® Windows® Embedded CE .NET or Windows Mobile 2003 for Pocket PC Phone Edition. These open operating systems (OS) support an array of applications including those that provide seamless integration with many back-end systems. Pocket PC Phone Edition with wireless WAN-enabled configuration gives you enhanced features for voice and data communications. The MC9000-S offers a large monochrome or color display, field-changeable keyboards and an accessory portfolio. The feature-rich, modular MC9000-S delivers the most flexibility and investment protection.

Create New Advantage with a Superior Mobility Architecture

The MC9000-S is ideal for your mobile field application needs—from direct store delivery to service automation to issuing citations. In addition to the MC9000-S, Symbol solutions integrate advanced data capture technology, wireless infrastructure, enabling software and high-ROI applications from our business partners. Symbol Enterprise Mobility Services ensure that your mobility solution works seamlessly and at maximum efficiency—from defining your business requirements through ongoing service and support.

For more information, call (Tel) 2836 3162 or visit us on the web at www.manicon.com

Features	Benefits
Truly mobile	Capture, move and manage data on the go
Extremely rugged design withstands multiple 6 ft. drops (1.8m) to concrete	Ensures less down time due to accidental drops
IP64 sealing rating (electronic enclosure, display and keypad)	Protects against windblown rain and dust to ensure reliable performance in harsh conditions
Microsoft® Windows® CE .NET, Windows Mobile 2003 operating systems	Offers open architecture for the widest application support
Includes Windows Mobile 2003 Pocket PC Phone Edition for WAN configurations	Keeps you connected in real-time with voice and data features
Intel® XScale™ PXA255 processor at 400 MHz	Delivers the best possible performance for graphics-rich applications and uses less power
3.8-in. LED backlit, bright monochrome or color display	Allows easy screen viewing in all lighting conditions—from bright to ambient to dark
Wireless WAN (GSM/GPRS, CDMA), wireless LAN (IEEE 802.11b®), PAN (Bluetooth™) communications or RS-232/USB client or wireless LAN	Enables real-time data exchange for maximum productivity
Field replaceable 28-key numeric keypad	Provides quick, fast replacements for maximum efficiency and less down time
High capacity lithium ion battery with advanced system-level power management	Full-shift battery life for maximum user productivity
Supports AirBEAM® software suite	Enhances wireless device management across your enterprise

MC9000-S Specification Highlights

Market: Route Accounting

Applications

Automated ordering, Inventory reconciliation, Delivery tracking
Full service vending, Direct Exchange/Uniform Communication Standard (DEX), Competitive surveys, Shelf space analysis, Route optimization

User

Pre-sales, Delivery, Vending, Merchandiser, Conventional route sales

Market: Field Service

Applications

Field automation
Inventory management
Logistics optimization

User

Field service technicians

Market: Public Safety

Applications

Citations and parking tickets
Real-time visibility to centralized databases

User

Law enforcement officers
Supervisors

Market: Transportation and Logistics

Applications

Pick-up and delivery
Fleet management
Vehicle tracking and maintenance
Baggage and cargo tracking

User

Route drivers
Shipping and receiving personnel
Baggage and cargo personnel

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Physical and Environmental Characteristics

Dimensions:	7.6 in L x 3.6 in. W x 1.7 in. H 19.3 cm L x 9.1 cm H x 4.3 cm H
Weight:	20-23 oz., configuration-dependent
Keyboard:	28-key
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 7.2 volt Lithium ion 1550 mAh, 11.1 watt hours

Performance Characteristics

CPU:	XScale PXA255 processor at 400 MHz
Operating System:	Microsoft Windows Embedded CE. NET or Windows Mobile 2003 with Pocket PC Phone Edition
Memory (RAM/ROM):	Embedded CE: 32/32 MB Windows Mobile: 64/64 MB or 128/64 MB
Application Development:	SDK available through Symbol Developer Zone Web site
Data Capture Options:	1D laser scan engine 1D and 2D imaging engine omnidirectionally reads symbologies and captures grayscale images and signatures with intuitive laser aiming

User Environment

Operating Temperature:	Monochrome: -4 F° to 122° F (-20° 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. (1.8 m): -20° C to 50° C
Tumble:	2,000 one-meter tumbles at room temperature (4,000 drops)
Environmental Sealing:	IP64 (electronic enclosure, display and keypad)
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 DS 802.11: 2 MB per second FH
Antenna:	Internal
Frequency Range:	Country-dependent; typically 2.4 to 2.5 GHz
PAN (Bluetooth Support):	Optional
WWAN:	GSM / GPRS and CDMA (1XRTT)

Peripherals and Accessories

Cradles:	Single-slot serial/USB, vehicle, 4-slot Ethernet, 4-slot charge only
Printers:	Supports extensive line of Symbol-approved printers and cables
Charger:	Universal battery charger, 4-slot battery charger
Other Accessories:	Cable adapter module; snap-on magnetic stripe reader; modem module; holster; full set of cables; and user accessible SD card slot

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



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