Maximize mobile workforce efficiency with integrated wireless WAN/LAN/PAN and Nextel Nationwide Walkie-Talkie

The MC9097 rugged mobile computer from Symbol Technologies provides your mobile workers with a flexible always-on voice and data connection to co-workers, clients, and associates, as well as critical business applications and systems — all on a single device. High performance processing combines with advanced mobility features and functionality to support the richest applications. Superior sound quality and the onboard iDEN radio deliver robust voice communications, complete with Nextel’s Nationwide Walkie-Talkie functionality for instant, cost-effective voice connectivity. Assisted GPS supports location tracking applications, enabling more efficient routing as well as dynamic route changes. Seamless WLAN connectivity provides cost effective voice and data communications in the office, hot spots and more. The ability to use this single device for all voice and data communications inside and outside your four walls dramatically reduces costs, since the need to purchase and manage additional devices is eliminated. Combined with proven ruggedness in nearly any environment, the MC9097 offers everything you need to maximize the productivity of your field sales, service and delivery personnel — a true competitive advantage.

Next-generation enterprise application support

The MC9097 offers the robust functionality and flexibility you need to support innovative applications that maximize mobile worker productivity and deliver a high return on investment — from next-generation processing power to robust, persistent data storage. Multiple advanced data capture options enable the design of enterprise applications that collect and provide access to real-time information. Superior power management delivers longer battery life. Modular field-replaceable keypad options, touch/stylus input, and easy viewing in any lighting, indoors or outdoors, increase application design flexibility — and simplicity of operation for users.

Rugged construction and maximum manageability deliver a low TCO

By combining rugged design, manageability and the comprehensive functionality to support the applications of today and tomorrow, the MC9097 delivers outstanding investment protection and a low total cost of ownership (TCO). The superior rugged construction is designed to withstand rigorous use in extreme environments and a wide variety of working conditions. Adding Symbol’s Mobility Services Platform (MSP) enables you to quickly and easily provision, track and support all your MC9097 devices, anywhere in the world, from a central location — delivering an unprecedented level of simplicity and low cost to management of mobile devices. And comprehensive maintenance and support services ensure maximum uptime and value for your investment. For more information on the MC9097 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/mc9097

FEATURES | BENEFITS
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Converged voice and data capabilities, combined with multi-mode wireless and advanced data capture options | Flexible, reliable connection maximizes mobile worker productivity, response times, and customer service levels
WWAN: Nextel Nationwide Walkie-Talkie functionality | Instant, cost-effective, push-to-talk voice communications; broad geographic coverage; guaranteed message delivery; reliable network and more
Integrated on-board wireless WAN, LAN 802.11a/b/g and PAN connectivity | True anywhere anytime voice and data connectivity inside and outside your four walls for maximum efficiency gains
Superior ruggedness: passes industry’s most stringent drop and tumble tests; IP64 sealing rating; integrated internal antennas | Built for year-round field/office use; withstands many drops, heat, cold, rain and more; dramatically reduces repair and downtime costs; delivers enterprise performance and ROI
Intel XScale PXA270 processor at 624 MHz and an enhanced memory architecture for persistent data storage | Supports simple to complex multi-media applications and data storage needs while protecting business-critical data
Windows Mobile 5.0 Phone Edition | Provides user interface with phone dialer and APIs for intuitive, converged voice and data applications
Omni-directional 1D and 2D bar code scanning, image capture, variable range scan engine for accurate bar code scanning and intuitive laser aiming | Enables automation and increases accuracy of business processes through real-time data capture and access to business information
MC9097 Series Specifications

Physical Characteristics

Dimensions:
- MC9097-K: 9.0 in. L x 3.6 in. W x 2.2 in. D
- MC9097-S: 7.9 in. L x 3.6 in. W x 2.2 in. D
- MC9097-K: 200.7mm L x 91.4mm W x 55.8mm D

Weight: 20 to 23 oz./567g to 652kg (depending upon configuration)

Display: 3.8 in. QVGA color

Keypad Options:
- MC9097-K: 28-, 43- and 53-key; MC9097-S: 28-, 38-Alphanumeric or 38-Numeric; 53-key terminal emulation (3250, 3270, VT100) on MC9097-K

Power: Removable, rechargeable Li Ion battery pack
- MC9097-K: 7.2V 2200 mAh
- MC9097-S: 7.2V 1550 mAh

Performance Characteristics

CPU: Intel® XScale™ Bulverde PXA270 processor at 624 MHz

Operating System: Microsoft® Windows Mobile™ 5.0 Phone Edition

Memory: 64MB RAM/128MB Flash

Expansion: SD/MMC card

Application Development: SDK available through Symbol Developer Zone Web site

Data Capture Options: 1D scan engine; Omni-directional 1D and 2D imaging engine

Audio Modes: Wired headset; speakerphone; Bluetooth headset

User Environment

Operating Temperature: -4°F to 122°F / -20°C to 50°C

Storage Temperature: -40°F to 158°F / -40°C to 70°C

Charging Temperature: 32° F to 104° F/0° C to 40° C

Humidity: 5% to 95% non-condensing

Drop Specification: Multiple drops to concrete (6 ft. drops, 6 drops on 6 sides across the operating temperature range

Tumble Specification: 2,000 one-meter tumbles at room temperature (4,000 hits)

Environmental Sealing: IP64

Electrostatic Discharge (ESD):
- +/-15kVdc air discharge, +/-8kVdc direct discharge
- +/-8kVdc indirect discharge

Wireless LAN Data and Voice Communications

WLAN: Tri-mode IEEE® 802.11a/b/g

Frequency Range: 802.11a - 5 GHz; 802.11b - 2.4 GHz; 802.11g - 2.4 GHz — all country dependent

Output Power: 100 mW U.S.

Data Rates Supported: 802.11a — up to 54 Mbps; 802.11b — up to 11 Mbps; 802.11g — up to 54 Mbps

Wired WAN Data and Voice Communications

WWAN:
- iDEN (upgradeable to WIDEN)

Frequency Range: iDEN: 800-900 MHz

Peripherals

Cables and Accessories: Full set of cables and accessories

Other Accessories: Standard and modem module; Holster; Full set of 4-slot 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, FCC Part 90

Laser Safety:
- IEC Class1/FDA Class II in accordance with IEC60825-1/EN60825-1

For information on use in specific countries, consult your local Symbol representative.

About Symbol Technologies

Symbol Technologies, Inc., The Enterprise Mobility Company™, is a recognized worldwide leader in enterprise mobility, delivering products and solutions that capture, move and manage information in real-time to and from the point of business activity. Symbol is an ISO 9001 and ISO 9002 USAS, RVC, and RAB Registered company, as scope definitions apply. Specifications are subject to change without notice. Symbol™ is a registered trademark of Symbol Technologies, Inc. All other trademarks and service marks are proprietary to their respective owners. For system, product or services availability and specific information within your country, please contact your local Symbol Technologies office or Business Partner.