MC1000

High-value mobile computing fuels enterprise mobility

In one simple package combining data entry and bar code scanning capabilities, the rugged MC1000 mobile computer from Symbol Technologies meets your budget and the demands of your environment, whether light industrial, retail, logistical, warehousing or distribution centers. With the MC1000, you'll be able to capture data more efficiently and accurately — and deliver the right product at the right time to the right customer. You'll protect your investment in mobile computing with an open standards-based architecture, gaining access to a large software developer community. And you will lay the foundation for an advanced mobile data capture and management solution that will grow with you as your needs evolve.

Adapt quickly with a standards-based platform

Over time, your business needs evolve — and the technology you invest in should evolve too. Based on the Microsoft Windows® CE platform, the MC1000 gives you both standards-based flexibility and long-term adaptability. The MC1000 enables you to rapidly develop and deploy applications that deliver more value for less cost over longer periods of time — whether you need to port applications developed with Microsoft Windows Embedded development tools or develop new applications using Rapid Application Development (RAD) tools. And, you will no longer be tied to a specific proprietary operating system or development tool.

Increase uptime with rugged yet easy-to-use design

Symbol designs products to complement the way people work. You'll find the MC1000 is easy to learn and easy to use. Your users will get up to speed quickly — and work faster — using a familiar graphical interface. It's small and light weight, so it's easy to carry and operate comfortably with one hand, even over an extended full-day shift. If the power runs down, you can easily switch from rechargeable to alkaline batteries — without the need to carry extra tools or adapters. And the MC1000 has the rugged design to survive unintentional drops and exposure to water and dust, without risking downtime from hardware damage.

Work faster and smarter with affordable, high-performance capabilities

Ideal for batch applications requiring speed and accuracy, the MC1000 includes a fast Intel XScale® processor, 32MB of RAM memory and 32MB of ROM memory. You'll notice improved data entry accuracy as the MC1000's simplified large keypad design and high-quality one-dimensional (1D) linear laser scanner replaces manual processes. At the

FEATURES	BENEFITS
Lightweight and slim form factor	Increases end-user satisfaction and productivity with a comfortable, easy-to-use design
High-quality 1D laser scanner	Captures data accurately to improve productivity and operating efficiency
Microsoft Windows CE 4.2	Offers an open, flexible platform for faster and easier application development and porting
User-accessible SD card slot	Offers flexibility to expand storage volume or connect wirelessly
Rugged design for light industrial use	Enhances product lifecycle with less downtime:
	• Designed to withstand multiple 4-foot (1.2-m) drops to concrete and up to 500 1.65-foot (0.5-m) tumbles
	• IP54-rated sealing protects against water and dust for reliable performance in a variety of environmental conditions
High-speed Intel XScale processor	Delivers fast performance and processing power for enterprise-level applications
32MB RAM/32MB ROM	Supplies ample storage capacity for applications and data
240 x 240 resolution/2.2-in. monochrome display	Improves productivity with the highest resolution display in this product class
Simplified large keypad design	Allows gloved operation and accurate data entry
USB 1.1 client	Shortens transfer time for terminal/host data exchange
Flexible power source	Permits end user to choose between AAA (included) or Lithium Ion rechargeable batteries, and to change power sources as necessary
Device management with Mobility Services Platform (MSP)	Reduces total cost of ownership with accelerated rollout and centralized visibility into mobile devices and applications

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end of a shift, workers simply place the unit in its cradle to synchronize and transfer data to a host system via USB or RS-232 connection. And if you require wireless capability or greater storage capacity, a Secure Digital (SD) card slot lets you quickly adapt the unit to your needs.

Eliminate worries with a full suite of services and support

Even the most rugged products need a support plan. That's why Symbol covers every aspect of your mobility solution — from network design to ongoing operations — providing unsurpassed breadth and depth of coverage to ensure all of your services and support needs are met.

Symbol Enterprise Mobility Services offers:

• Professional planning, assessment and implementation services, forming the foundation of a successful solution.

• A global team with unrivaled industry and product expertise, focused on Symbol product support.

• Responsive customer services, ensuring your solution operates seamlessly and efficiently.

For more information about the MC1000, please visit us on the Web at **www.symbol.com/mc1000** or contact us at +1.800.722.6234 or +1.631.738.2400.

MC1000 specification highlights

Physical characteristics

Dimensions	6.42 in. H x 2.54 in. W x 1.5 in. D 16.3 cm H x 6.45 cm W x 3.8 cm D
Weight (including LiON battery)	7.23 oz/205 g
Display	TFT-LCD, monochrome, 240 x 240, no touch
Backlight	Electroluminescent (EL) backlight
Main Battery	3 AAA batteries or 1 rechargeable Lithium Ion 3.7V, 1,800 mAh
Expansion Slot	User-accessible SD slot (with secure cover)
Notification	Scan and charging LEDs
Keypad	21-key, numeric/shifted alpha
Audio	Beeper

Performance characteristics

CPU	Intel XScale 312 MHz processor
Operating System	Microsoft Windows CE 4.2 Core
Memory	32MB RAM/32MB ROM
Interface/Communications	RS-232, USB 1.1 Client

User environment

Operating Temperature	14Þ to 122ÞF/-10Þ to 50ÞC
Storage Temperature	-40Þ to 158ÞF/-40Þ to 70ÞC
Humidity	0 percent to 85 percent relative humidity, noncondensing
Drop Specifications	4-foot (1.2-m) drops to concrete, 500 1.65-foot (0.5-m) tumbles
Sealing Specification	IP54
Electrostatic Discharge	Conforms to +/-10 kV air discharge, +/-8 kV direct discharge

1D laser scanner

Supported Symbologies	Interleaved 2 of 5 (ITF), RSS-14/Limited/Expanded, Codabar (NW-7), ITF, MSI Plessey, IATA 2 of 5, Code 39 (standard and full ASCII), Code 93, Code 128, UPCA, UPCE, EAN-13 (WPC), EAN-8, UPC/EAN supplementals, Coupon Code
Scan Triggers	Top panel

Peripherals and accessories

Cradles	Single-slot USB/RS-232 charging cradle with spare battery well 4-slot USB charging cradle
Communication and Charging Cables	USB communication charging cable, RS-232 communication charging cable, printer cables
Vertical-specific attachments	Modem (connected to single-slot cradle), hand strap

Application development

Embedded Visual	C++ 4.0, Visual Studio .NET 2003, SDK available through Symbol Developer Zone Web site MCL Rapid Application Development kit

Regulatory

Electrical Safety	Certified to UL60950, CSA C22.2 No. 60950, EN 60950
EMI/RFI	CISPR 22 Class B, CISPR 24, FCC Part 15B, EN 55022, EN 55024
Laser Safety	21.CFR1040.10 Class II, EN 60825, IEC 60825 Class 2

Warranty

The Symbol MC1000 is warranted against defects in workmanship and materials for a period of 12 months from date of shipment, provided the product remains unmodified and is operated under normal and proper conditions.

NOTICE: Repairs of this product may require the use of Symbol proprietary parts (and/or Symbol proprietary information). Symbol will sell these parts (and provide this proprietary information) only to end-user customers for self-service. It is Symbol's policy not to sell these parts to third-party service providers and not to allow a third-party service provider to act as an ordering or receiving agent for the parts necessary to repair this product. Applicable in the U.S. For all other countries, please contact your Symbol account manager or the local Symbol Customer Service representative in your area for further details.

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