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TECHNOLOGY GROUP

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Find the *Motorola / Symbol MC3000R* at our website: ***Click HERE***

MC3000 Family



Windows CE available on all MC3000 form factors

FEATURES

Light, ergonomic design
Reduces user fatigue for higher productivity in scan-intensive applications

Brick or gun form factors
Comfortable use in intensive or non-intensive scan environments

Audio and visual scanning feedback
Provides visual in addition to audio feedback without having to reorient the device. Visual feedback only on gun.

Brick versions with available rotating laser
Adjust the scanning positions left, right and front for maximum comfort and productivity

320 x 320 resolution color/mono touch display (with backlight)
30% higher resolution than 1/4 VGA allows easy viewing in many environments

Wireless 802.11a/b/g LAN connectivity
Provides real-time wireless data exchange for maximum productivity

Bluetooth option
Enables use of wireless connection to a range of devices

Capture, move and manage data in real time for real business value

The MC3000 mobile computers from Motorola are rugged mobile computers ideal for scan-intensive environments that require high-quality data capture throughout the enterprise. Their superior ergonomic design and balance help to facilitate faster decision making and increased workforce satisfaction inside the retail store, on the loading dock or on a delivery route.

Unprecedented flexibility, performance and power

A variety of feature options, including: color touch display; batch or wireless communications: brick or gun form factor; Bluetooth voice and audio capability; three keypad options; and the ability to capture images, scan bar codes, or read DPM marks, allowing you to meet your customer, employee and IT needs. Each MC3000 mobile computer is based on a high-performance mobile Intel XScale PXA270 processor supporting up to 128MB RAM, which helps you gain significant business value by ensuring maximum user productivity.

The Microsoft Windows CE and Windows Mobile operating systems offer familiar interfaces and the power of Web-based applications for greater usability and employee satisfaction.

Reliable performance in variable conditions

The MC3000s' rugged design and IP54-rated sealing ensure continued use and uptime by protecting against dust, moisture and extreme temperatures. And, whether working inside or out, the MC3000s have a drop spec of four feet to concrete across a wide temperature range, reducing equipment and maintenance costs.

Unlock the value of your information with Microsoft Windows CE or Windows Mobile

Bringing the next generation of mobile computing to your business, Motorola's MC3000s are built on the Windows CE or Windows Mobile operating systems. With real-time processing, faster performance, rich multimedia and Web browsing capabilities, your enterprise can become truly mobile with interoperability between personal computers, servers, Web services and devices. Motorola's enterprise mobility solutions go beyond mobile devices and wireless connectivity to ensure that every aspect of your mobility solution works seamlessly and at maximum efficiency.

Complete your solution with Motorola Global Services

Even the most rugged products require a maintenance plan and support strategy. That's why Motorola has designed comprehensive set of services that cover every aspect of the MC3000s — helping to ensure our customers derive full value from their investment.

For more information, access our global contact directory at www.motorola.com/customersupport.jsp or visit us on the web at www.motorola.com/mc3000.

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Drop, Tumble and Sealing
Meets and exceeds applicable MIL-STD and IEC specs for drop, tumble and sealing

IP54-rated sealing
Protects against water and dust for reliable performance in rough environmental conditions

Intel XScale PXA270 processor and Microsoft Windows CE or Windows Mobile operating systems
Delivers high-speed CPU performance through familiar interfaces with wide software application support

Device management with Mobility Services Platform (MSP)
Enables real-time monitoring of critical mobile computer and wireless infrastructure parameters

MC3000 Series Specifications

Physical Characteristics		
Dimensions		
Brick/Imager Configuration:	7.43 in. L x 3.18 in. W x 1.76 in. D (188 mm x 80.8 mm x 44.7 mm) At grip: 2.40 in. W x 1.43 in. D (61 mm x 36.3 mm)	
Brick/Laser Configuration:	8.33 in. L x 3.18 in. W x 1.57 in. D (211.6 mm x 80.8 mm x 39.9 mm) At grip: 2.40 in. W x 1.10 in. D (61 mm x 27.9 mm)	
Gun Configurations:	193 L x 80.8 W x 166H mm	
Weight		
Brick/Laser config.:	13.4 oz. (379 gm) (with WLAN)	
Brick/Imager config.:	15.1 oz. (428 gm) (with WLAN)	
Gun Configurations	18.59 oz. (527 gm) (19.6 oz./555 gm with Bluetooth)	

Performance Characteristics		
	Monochrome Display Configuration	Color Display Configuration
Display Res.:	320 x 320	320 x 320
Operating System:	MC3090: Microsoft Windows CE 5.0	MC3090: Microsoft Windows CE 5.0 or Windows Mobile 6.1
App Dev.:	Motorola SDK	Motorola SDK
Environment:	Microsoft Windows CE SDK	Microsoft Windows CE SDK or Windows Mobile SDK
Processor:	IntelXScale PXA270 @312MHz	IntelXScale PXA270 @520MHz
Memory: RAM/Flash	32MB/64MB	64MB/64MB or 128MB/64MB or 128MB/1GB*
Data Capture Options:	1D Laser: reads 1D bar codes 2D Imager: reads 1D and 2D bar codes omni-directionally DPM Imager: reads data matrix marks, applied by dot peening, laser etching, molding, stamping or casting methods to multiple substrates including metal, plastic, or glass	
Secure Digital Slot:	User accessible (located under battery)–approved for memory expansion only	
Communications:	RS232, USB (Host and Client)	
Power:	Brick/Laser Config. Brick/Imager Config. Gun Configurations	2,600 mAh @ 3.7Vdc 4,400 mAh @ 3.7Vdc 4,400 mAh @ 3.7Vdc

Wireless Data Communications	
WLAN:	Motorola Spectrum24, 802.11a, 802.11b, 802.11g; note: 802.11a not available in Thailand.
Output Power:	100 mW U.S. and international
Data Rate:	802.11b – 11 MB per second 802.11g – 54 MB per second 802.11a – 54 MB per second
Antenna :	Internal
Frequency Range:	Country-dependent; typically 2.4 to 2.5 GHz for 802.11b/g and 5.15 to 5.825 GHz for 802.11a
Bluetooth:	Theatre dependent
VOIP-ready (Class 2):	Optional (theatre dependent)

User Environment	
Operating Temperature:	Monochrome: -4° to 122°F (-20° to 50°C) Color: 14° to 122°F (-10° to 50°C)
Storage Temp:	-22° to 160°F (-30° to 70°C)
Batt. Charging Temp:	32° to -40°F (0° to -40°C)
Humidity:	5% to 95% non-condensing
Drop Spec:	Multiple 4-foot (1.2-m) drops to concrete across operating temperature range; Meets and Exceeds MIL-STD 810G
Tumble Spec:	500 one-half meter tumbles at room temperature (1,000 drops)
Sealing:	IP54 Category 2
Electrostatic Discharge (ESD):	+/-15kVDC air discharge +/-8kVDC direct discharge +/-8kVDC indirect discharge

Peripherals and Accessories	
Cradles:	Single-slot USB/RS232 charging cradle with spare battery well
Chargers:	Four-slot battery charger Adaptor for universal battery charger
Printers:	Support Motorola approved printers
Other Accessories:	Holsters, charging cables, magnetic strip reader

Regulatory	
Electrical Safety:	Certified to UL60950, CSA C22.2No. 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 Class 2/FDA Class II in accordance with IEC60825-1/EN60825-1

*128MB/1GB is available on Windows Mobile only.

N410 CE



MOTOROLA

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Designed for Windows Mobile™

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