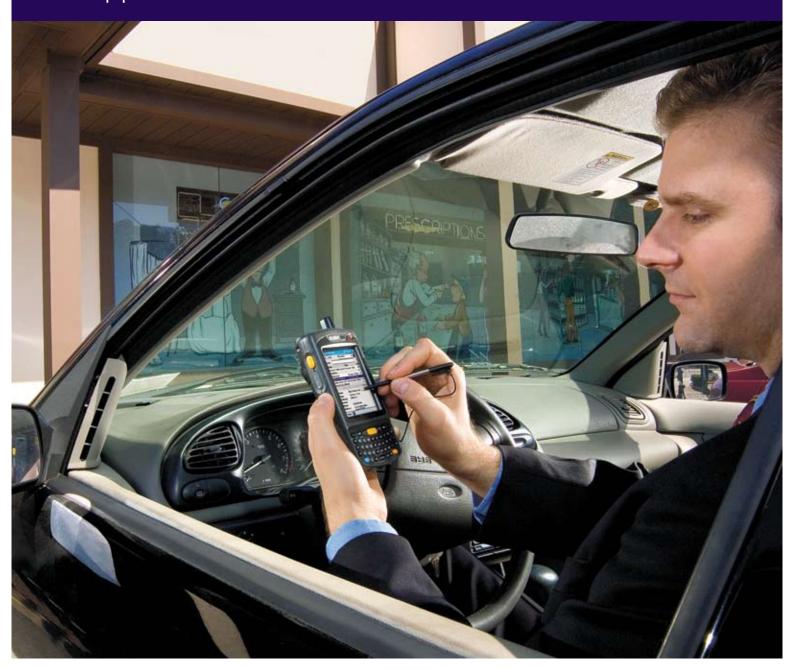# *Mobile Computers At-a-Glance*

Mobile computers for every environment
and application

Regardless of

your requirements,

application or

environment, there

is a Motorola mobile

computer designed

to cost-effectively

meet your needs.

MOBILE COMPUTERS
AT-A-GLANCE

When it comes to selecting mobile computers to mobilize your enterprise applications, choose from the family of devices that keeps many of the world's largest retailers, manufacturers, transportation and logistics companies, field sales and service functions, and healthcare providers up and running every day. Regardless of your requirements, application or environment, there is a Motorola mobile computer designed to cost-effectively meet your needs.

Why choose Motorola mobile computers?

It's about reliability
Whether you need lightweight, durable PDA-styling or the rugged design required to endure a wide range of environmental conditions and heavy usage, there is a Motorola mobile computer that can reliably withstand the rigors of your particular environment.

It's about versatility
Motorola offers a full range of options for maximum versatility. Select the application development platform that will work with your network today, yet support tomorrow's growth. Choose from a complete suite of voice and data capabilities and communications, including bar code scanning and image capture as well as a variety of wireless wide area networks (WWANs), the full spectrum of wireless local area networks (WLANs) and wireless personal area networking (WPAN/Bluetooth). A varied universe of accessory options enables devices already tailored for vertical markets to be further customized to meet specific business needs — enabling easy expansion of device functionality, and maximum return on your hardware investment dollars.

It's about performance

Motorola's mobile computers offer the very latest in architecture, from processors that deliver maximum computing power to power management for long battery life and the memory required to support the most demanding applications — including multimedia. When it comes to scanning, Motorola leads the way. Patented technology ensures accurate capture of even damaged or hard-to-read bar codes — and provides ease of use by eliminating the need to align bar code and scanner. And in keeping with our industry-leading innovation, Motorola now offers Direct Part Marking (DPM) scanning capability on select devices.

It's about manageability

Motorola's mobile computers offer the ultimate in manageability. You can remotely provision, update and troubleshoot your Motorola mobile computers as well as the other elements of your mobility solution from a single location via Motorola's Mobility Services Platform (MSP). The result is a significant reduction in the complexity, time and cost associated with managing your mobility solutions.

It's about service you can count on

Whether you need assistance with one or every aspect of your mobility solution, our experts can assist with initial planning through full deployment. Once your solution is up and running, Motorola's flexible and cost-effective service options help keep them that way, ensuring maximum uptime. And with our Service from the Start program, Motorola now offers comprehensive coverage on most mobile devices.

It's about real business value

What do you get when you choose Motorola mobile computers? You get competitive advantage you can count on — the power to streamline your business operations, increase employee productivity, improve customer service and reduce downtime with a mobility solution that offers a low total cost of ownership — and a rapid return on investment.

Whether you need lightweight, durable PDA-styling or the rugged design required to endure a wide range of environmental conditions and heavy usage, there is a Motorola mobile computer that can reliably withstand the rigors of your particular environment.

Industrial Class

Turn to Motorola industrial class mobile computers to meet the needs of your most demanding environments. Whether you need handheld mobile computers or vehicle and fixed mount devices for your heavy equipment, this family of devices provides reliable operation — outdoors in inclement weather; in dusty, hot warehouses; on manufacturing floors; on the road in delivery vehicles; in the aisle of retail stores, and more. This flexible product line offers: advanced data capture options — including 1D and 2D bar code scanning as well as imaging; a full range of communication options — WLAN connectivity for workers inside the enterprise, WWAN for workers outside the four walls, batch for off-line processing, and WPAN for connectivity to personal devices, such as printers and headsets; and integrated voice and data devices that eliminate the need to purchase both mobile phones and computers for your employees.

HANDHELD MOBILE COMPUTERS

MC1000

1D; Batch

The MC1000 provides robust 1D bar code scanning and data entry for batch applications in light industrial environments. This slim value-priced device offers the rugged construction required to endure everyday use in warehouse, retail, government, and distribution centers for workers inside your four walls. And the Microsoft Windows CE environment provides the ability to develop and run powerful applications today that can be ported easily to advanced devices as your business needs evolve.

MC3000 Series

The MC3000 family of rugged mobile computers is designed to deliver comfort and performance in demanding enterprise environments. The MC3000 offers multiple connectivity options, and is ideal in the warehouse, on the retail floor, on the loading dock, or out in the field. The small lightweight device is built to withstand dusty environments, moisture and extreme temperatures. The latest in processing power ensures the ability to run virtually any application. And the Microsoft Windows CE operating system offers a familiar user interface that significantly reduces training time.

MC3000/3090

1D/2D/Image capture; WLAN/BATCH/WPAN

The MC3000/3090 is available in three configurations: monochrome or color screen for 1D scanning, or a color screen and imager for 1D and 2D scanning. Wireless LAN and Batch processing provide the flexibility to use the same device for either real-time or off-line applications and data processing. And a variety of accessories enable you to customize the device to meet user and application-specific needs.

MC3090-G

1D/2D/Image capture/DPM; WLAN/BATCH/WPAN

The MC3090-G offers the same functionality of the MC3090 in a gun-style device. Available in the same three configurations and with DPM capability, the well-balanced MC3090 is designed to minimize user fatigue, bringing all day comfort to employees who scan for the majority of their workday.

MC9000 Series

The best-selling MC9000 series of rugged handheld mobile computers offer maximum reliability, performance, and functionality for the most demanding retail, manufacturing, logistics and industrial environments and applications. A common high-performance platform architecture, including the latest in operating systems and processing power, enables partners and end-users to address the entire supply chain most efficiently — while reducing costs by leveraging common development tools, accessories and training programs. A full suite of wireless communications options allows you to select the combination of WWAN/WLAN/WPAN connectivity you need in various areas of your business. Models that offer integrated voice and data substantially reduce capital and operating expenses by eliminating the need for dual devices for employees — a cell phone and a mobile computer. Robust voice functionality offers superior audio functionality. Flexible bar code scanning and data capture options include 1D and 2D bar code scanning as well as imaging. In addition to a variety of form factors and optional keypads, a comprehensive accessory family enables you to customize the MC9000 for your environment, applications and users.

MC9090-G
1D/2D/Image capture/DPM; WLAN/WPAN

Designed to empower mobile workers inside your four walls, the MC9090-G offers rugged computing and data capture capabilities, real-time communications with seamless connectivity to nearly any wireless LAN, and connectivity to the desktop, printers, wireless headsets and more through Bluetooth WPAN functionality. A DPM-capable configuration is available as well.

MC909X-K
1D/2D/Image capture; WWAN/WLAN/WPAN

Ideal for workers inside and outside your four walls, this integrated voice and data device offers the functionality of the MC9090-G plus robust voice capabilities. The integrated quad band EDGE/GPRS/GSM or iDEN radio (optionally upgradeable to WiDEN), and CDMA 1XRTT (MC9063 only), provide the flexibility to select the wide area wireless network that is best suited to your geographies, providing a single platform for worldwide support for your converged applications.

MC909X-S
1D/2D/Image capture; WWAN/WLAN/WPAN

The MC909X-S offers all the functionality of the MC909X-K in a convenient, compact form factor. Like the MC909X-K, the MC909X-S also provides workers inside and outside your four walls with both voice and data communications. And the smaller and lighter design is ideal for workers who need to have the device by their side every minute of the workday — from route sales people to field repair workers and employees on the retail floor.

MC9097-K/S
1D/2D/Imagecapture; WWAN/WLAN/WPAN; Nextel Nationwide Walkie-Talkie; aGPS

This comprehensive integrated voice and data device with push-to-talk functionality is ideal for your mobile workers. The MC9097-K/S offers Nextel Nationwide Walkie-Talkie cost-effective voice communications as well as Assisted GPS to support tracking applications, seamless connection to nearly any wireless LAN, and a full complement of scanning and image capture capabilities.

MC9060-G RFID
1D/2D/Image capture; WLAN; RFID

Expand the reach of your RFID solution with this handheld RFID reader. With this rugged device, mobile workers can track products and assets in real-time right on the warehouse or manufacturing floor, in the aisles at the distribution center, or on the receiving dock. In addition to the ability to read and write Gen 1 and Gen 2 RFID tags, the MC9060-G RFID can read any 1D and 2D bar code, providing the flexibility to provide your workers with a single device for nearly all your warehouse applications.

Motorola mobile computers offer the very latest in architecture — from processors and power management to memory and more — and are equipped to handle the most demanding applications, including multimedia.

VEHICLE/FIXED MOUNT COMPUTERS

VC5090

VoIP; WLAN/WPAN

Streamline warehouse and manufacturing operations in the harshest environments with the VC5090. Rugged construction and high-performance wireless networking combine to enable real-time communications on the loading dock, in the freezer and on the warehouse floor. Whether your workers are on forklifts or at fixed stations like a workbench, the VC5090 enables the real-time data access and collection needed to increase productivity and reduce errors in shipping and receiving, as well as put-away and picking applications.

WEARABLE COMPUTERS

WT4000 Series

1D/2D; WLAN; WPAN

Enhance efficiency, productivity and accuracy in the warehouse by bringing advanced computing and scanning technology to your workers with the next generation WT4000 Series Wearable Terminal. The ergonomic and hands-free design offers maximum application flexibility, enabling text, voice or a combination of text and voice interface. The rugged WT4000 can be comfortably worn on either wrist or hip, and features the latest mobile operating system and processing power to enable virtually any application. Always-on wireless connectivity provides real-time transaction visibility.

RS309

1D; Long range; Hands-free lightweight back of the hand scanner

Extend accurate and dependable scanning to the hands of your warehouse workers with the rugged RS309 Wearable Scanner. Positioned out of the way on the back of the hand, the hands-free RS309 can be worn for a full shift without fatigue. Part of the WT4000 Series wearable system, the RS309 offers high performance scanning, capable of capturing even poorly printed, damaged or low-contrast bar codes. A wide scan range enables you to meet the needs of multiple applications with a single cost-effective device. And the rugged device is designed for nearly any environment — including the coldest freezer.
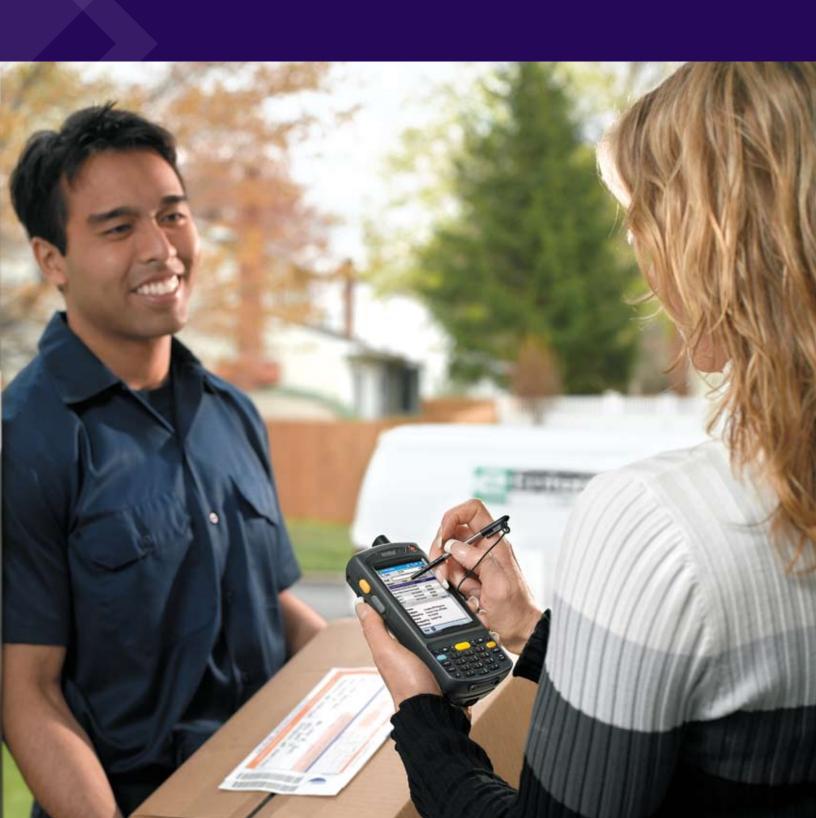
RS409

1D; Wide range; Hands-free lightweight ring scanner

Combine superior performance with unparalleled freedom with the rugged and ergonomic RS409 Ring Scanner. Worn directly on the finger or over a gloved hand, the tiny device offers outstanding scanning functionality, enabling reading of even poorly printed or damaged bar codes near or far regardless of lighting conditions or bar code symbology. Part of the WT4000 Series wearable system, the RS409 is ideal for a wide range of applications, from workers picking product in a warehouse or processing deliveries in a postal facility to hospitality workers on a ski slope scanning lift tickets.

Our diverse enterprise portfolio offers comprehensive functionality, including the ability to capture of 1D and 2D bar codes or direct part marks, read RFID tags, connect workers inside your building via WLAN or outside your building via WWAN, or provide data as well as voice communications.

Enterprise Class

Motorola's enterprise class mobile computers offer small and lightweight PDA styling with enterprise durability, high-performance processing and bar code scanning. Choose from the model that best meets your needs and your budget, from true PDA-style devices with synchronization cradles for workers inside your enterprise to rugged integrated voice and data devices that offer true anytime anywhere wireless communications for workers inside or out in the field.

MC17

Portable Self Scanning Terminal
Give busy consumers what they want most: faster, more personalized service. The MC17 delivers a new level of self-service and shopping convenience, allowing shoppers to speed up the checkout process, locate items, check pricing, find complementary products, and take advantage of personalized promotions and recommendations all at the press of a button — increasing sales and customer retention rates. The flexible device even doubles as a productivity tool for store associates, enabling in-aisle stock and price checks, mark downs, line busting and more. And the MC17 is easy to implement — the standards-based architecture reduces development costs, speeds up deployment, and delivers real-time integration with POS systems.

MC35

1D/2D/Imaging; WWAN/WLAN/WPAN
Keep on-the-go employees connected, responsive and productive with the all-in-one MC35 Enterprise Digital Assistant — a single pocketable device that combines the power of a mobile phone, GPS device, laptop, camera and bar code scanner. The MC35 offers durability, manageability, access to email and enterprise back-end systems and more in a small, easy- to-carry and easy-to-use enterprise class device.

MC50

1D/2D; VoIP; WLAN
The MC50 Enterprise Digital Assistant provides a sleek yet durable PDA-style form factor to keep employees inside your four walls connected when away from the desk. Put the power and convenience of voice and data communications in the pocket of executives, managers, and sales personnel on the retail floor as well as healthcare workers at patient bedside — all in a single cost-effective and easy-to-carry device.

MC70

1D/2D/Imaging; VoIP; WWAN/WLAN/WPAN
The MC70 Enterprise Digital Assistant (EDA) is a rugged handheld mobile device that incorporates a mobile phone, PDA, computer, scanner and/or imager in a single unit designed for the rigors of all-day, everyday usage. This enterprise productivity tool provides your mobile workers with everything they need to increase productivity and efficiency inside and outside your four walls in nearly any environment — from field workers reading meters and repairing equipment to drivers delivering packages, hospital workers checking lab results and medication orders, and more.

PPT88XX

1D; Batch/WLAN/WPAN
The PPT8800 enables mobile workers in the enterprise to streamline tasks with real time data communications and 1D bar code scanning. This lightweight, compact device offers the construction to withstand all-day every day use in a variety of applications and industries. For example, in retail, this flexible device can be used for portable point of sale and for inventory management, as well as to conduct price audits and changes. Doctors and nurses can access patient records. And hotel clerks can offer curbside check-in as an added convenience.

Get the competitive advantage you can count on —the power to streamline your business operations, increase employee productivity and improve customer service.

At-a-Glance by Industry

Use the following chart to determine which Motorola devices are best suited for your industry.

INDUSTRIAL CLASS	Retail	Mfg./ Warehouse	Healthcare	Government	Wholesale Distribution	Transportation & Logistics	Field Service & Sales	Route Accounting	Hospitality
Handheld Mobile Computers									
MC1000	•	•		•	•				
MC3090	•	•		•	•			•	
MC3090-G	•	•		•	•			•	
MC9090-G	•	•			•				
MC909X-K	•	•				•	•	•	
MC909X-S				•		•	•	•	
MC9097-K/S				•		•	•	•	
MC9060-G RFID		•			•				
Stationery & Vehicle Mount Computers									
VC5090		•							
Wearable Computers									
WT4000 Series	•	•	•		•	•			
ENTERPRISE CLASS									
MC17	•								
MC35	•					•	•		•
MC50		•	•						•
MC70	•		•	•		•	•	•	
PPT88XX	•		•	•	•	•	•	•	•

MOTOROLA

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Mobile Computers At-a-Glance Chart

With Motorola mobile computers, you can count

on the right now voice and data communications

you need to streamline your business operations,

increase employee productivity and improve

customer service — real competitive advantage.

MOTOROLA'S FAMILY OF MOBILE COMPUTERS

		Computing Platform		Rugged Specifications		Data Capture Options						Voice**	Wireless Networking			Offline Operation	Manageability
		Operating System	Sealing	Drop Specifications	Tumble Tested	1-D Codes	2-D Codes	Imager	Long Range Scanning	Direct Part Marking (DPM)	RFID	Integrated Voice	WWAN	WLAN	WPAN	Batch Only	MSP Compatible
INDUSTRIAL CLASS																	
Handheld Mobile Computers																	
MC1000		Microsoft Windows® CE 4.2	IP54	4 ft./1.2 m drop to concrete	500 1.6 ft./.5 m tumbles (1,000 drops)	•										•	•
MC3000-K		Microsoft Windows® CE 5.0	IP54	4 ft./1.2 m drop to concrete	500 1.6 ft./.5 m tumbles (1,000 drops)	•	•	•				Microphone; front receiver; 2.5 mm headset jack; speakerphone		Tri-mode 802.11a/b/g	Bluetooth		•
MC3090-G		Microsoft Windows® CE 5.0	IP54	4 ft./1.2 m drop to concrete	500 1.6 ft./.5 m tumbles (1,000 drops)	•	•	•		•		Microphone; front receiver; 2.5 mm headset jack; speakerphone		Tri-mode 802.11a*/b/g	Bluetooth		•
MC9090-G		Choice of Windows Mobile® 5.0 or Windows CE 5.0	IP64	6 ft./1.8 m drop to concrete	2,000 3.3 ft./1 m tumbles (4,000 drops)	•	•	•	•	•		Microphone; front receiver; 2.5 mm headset jack; speakerphone; Bluetooth headset		Tri-mode 802.11a*/b/g	Bluetooth		•
MC909X-K		Windows Mobile® 5.0 Premium (non-WAN) or Phone Edition (WAN)	IP64	6 ft./1.8 m drop to concrete	2,000 3.3 ft./1 m tumbles (4,000 drops)	•	•	•				Microphone; front receiver; 2.5 mm headset jack; speakerphone; Bluetooth headset	Integrated quadband EDGE/GPRS/GSM or iDEN (CDMA 1XRTT—MC9063 only)	Tri-mode 802.11a*/b/g	Bluetooth		•
MC909X-S		Windows Mobile® 5.0 (non-WAN) or Phone Edition (WAN)	IP64	6 ft./1.8 m drop to concrete	2,000 3.3 ft./1 m tumbles (4,000 drops)	•	•	•				Microphone; front receiver; 2.5 mm headset jack; speakerphone; Bluetooth headset	Integrated quadband EDGE/GPRS/GSM or iDEN (CDMA 1XRTT—MC9063 only)	Tri-mode 802.11a*/b/g	Bluetooth		•
MC9097-K/S		Windows Mobile® 5.0 Premium Phone Edition	IP64	6 ft./1.8 m drop to concrete	2,000 3.3 ft./1 m tumbles (4,000 drops)	•	•	•				Microphone; front receiver; 2.5 mm headset jack; speakerphone; Bluetooth headset	Sprint/Nextel/Nationwide Walkie-Talkie, aGPS	Tri-mode 802.11a*/b/g	Bluetooth		•
MC9060-G RFID		Microsoft Windows® CE.NET or Windows Mobile 2003	IP64	6 ft./1.8 m drop to concrete	2,000 3.3 ft./1 m tumbles (4,000 drops)	•	•	•			Gen1 and Gen2 capable			802.11b	Bluetooth		•
Stationery & Vehicle Mount Computers																	
VC5090		Windows® CE 5.0 Professional	IP66 + MIL-STK-810F military rating	N/A	N/A	•	•	•				CB module		802.11a*/b/g	Bluetooth		•
Wearable Computers																	
WT4000 Series		Microsoft Windows® CE 5.0 Professional Version	IP54	4 ft./1.2 m drop to concrete across the operating temperature range	500 1.6 ft./.5m tumbles (1,000 drops)	•1	•2							802.11a*/b/g	Bluetooth		•
ENTERPRISE CLASS																	
MC17		Microsoft Windows® CE 5.0 Professional; Pocket Internet Explorer 6.0		4 ft./1.2 m drop to tile over concrete		•	•							802.11b/g			•
MC35		Windows Mobile® 5.0 Premium Phone Edition	IP54	3 ft./91.44 cm drop to tile	150 1.5 ft./50cm tumbles (300 drops)	•	•	•				Speakerphone; PTT; wired/wireless headset; handset	eGPRS/GSM	802.11b/g	Bluetooth		•
MC50		Windows Mobile® 2003 Second Edition		3 ft./.91 m drop to tile over concrete	N/A	•	•	•				Microphone; front receiver; 2.5 mm headset jack; speakerphone		802.11b	Bluetooth		•
MC70		Windows Mobile® 5.0 Premium Phone Edition	IP54	4 ft./1.2 m drop to concrete	1,000 1.6 ft./.5m tumbles (2,000 drops)	•	•	•				Microphone; front receiver; 2.5 mm headset jack; speakerphone; Bluetooth headset	eGPRS/GSM/EVDO (Available Q1 2007)	802.11a*/b/g	Bluetooth		•
PPT88XX		Choice of Microsoft Windows® Mobile 2003 or CE.net v4.1	IP54	4 ft./1.2 m drop to concrete		•								802.11b	Bluetooth		•

1 - Via optional handsfree scanners: RS309 back of hand scanner or RS409 ring scanner.   2 - Via optional handsfree RS409 ring scanner.   *NOTE: 802.11a is not available in this product in Thailand.   **For more information about our voice capabilities, visit www.symbol.com/voice