Empower mobile workers inside the four walls with integrated multi-mode wireless LAN/PAN
Building on the success of the MC9000 family, the MC9090-G rugged mobile computer from Motorola provides mobile workers throughout the supply chain with a flexible always-on data connection to critical business applications and systems as well as to co-workers and other business associates. Equipped with the latest advances in mobile technology, the MC9090-G provides support for the richest enterprise applications, empowering mobile workers to capture and access critical business information in real time.

The industry-leading construction is designed to withstand rigorous use in extreme environments and a wide variety of working conditions, providing the flexibility to be used on the manufacturing floor, in the warehouse, on the loading dock, and out in the yard as well as in the back room or out on the sales floor of a retail operation. A seamless connection to any wireless LAN anywhere in the world provides a common global platform for your supply chain — and your applications. Support for wireless printing, wireless headsets and more via wireless PAN simplifies everyday use for end-users, while the ergonomic pistol-grip design provides comfort in scan intensive applications, such as shelf price audits and inventory management. Streamline your business operations, reduce errors, and increase your productivity and profitability with the power of the MC9090-G.

The power to meet your enterprise application requirements
Whether your application is simple or complex, the MC9090-G delivers performance you can count on. The MC9090-G offers the latest Intel processor designed to handle the specific demands of mobility, as well as robust persistent storage capabilities and multiple advanced data capture options. A choice of the two most robust Microsoft operating systems — Windows Mobile 5.0 or Windows CE 5.0 — gives you the flexibility to select either a familiar feature rich environment or a robust customizable application-specific environment. The ability to capture images and bar codes from as close as four inches to as far as 40 feet, enables enterprises to deploy a single device in many business areas. Workers can count on ample battery life for a full shift through superior power management. And modular keypads, a rugged touch panel and a display that is easy to read inside and outside provide users with maximum ease-of-use and comfort.

Rugged construction and maximum manageability deliver a low TCO
The MC9090-G delivers outstanding investment protection and a low total cost of ownership through superior design, construction, manageability and support services. Adding Motorola’s Mobility Services Platform (MSP) enables you to quickly and easily provision, track and support all your MC9090-G devices from a central location, delivering an
unprecedented level of simplicity and low cost to management of mobile devices. And Motorola offers a full suite of services, from deployment assistance to comprehensive support plans that include repair of everyday wear and tear. For more information on the MC9090-G 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/mc9090g

MC9090-G Specifications

Physical and Environmental Characteristics

- Intel XScale PXA270 processor: 624 MHz; enhanced memory architecture for persistent storage
- Supports simple to complex multimedia applications
- Windows Mobile 5.0 or Windows CE 5.0
- Most advanced mobile operating systems available; provides choice of familiar Windows environment or robust application-specific environment
- 1D Standard-range scan engine; 1D Extended-range scan engine; omni-directional imaging engine; DPM engine
- Ability to select from 1D, 2D, DPM and image capture capabilities delivers maximum application flexibility; provides real-time data capture and access to business information to enable process automation, error-proofing, and track and trace capabilities
- WPAN: Bluetooth v1.2 Wirelessly synchronize, print, and connect to a headset
- Large 3.8 in. display for exceptional clarity and contrast
- Easy to read in a variety of lighting conditions

Electrostatic Discharge (ESD):
- ±15 kVdc air discharge; ±8 kVdc direct discharge
- ±8 kVdc indirect discharge

WLAN:
- 802.11a/b/g
- Note: 802.11a not available in Thailand
- Output Power: 100 mW U.S. and international
- Data Rate: 802.11a: up to 54 Mbps; 802.11b: up to 11 Mbps; 802.11g: up to 54 Mbps
- Frequency Range: All country dependent: 802.11a - 5 GHz; 802.11b - 2.4 GHz; 802.11g - 2.4 GHz
- PAN (Bluetooth): Bluetooth Version 1.2 with BTExplorer (manager) included

CPU:
- Intel XScale Bulverde PXA270 processor at 624 MHz

Memory (RAM/ROM):
- CE - 64 MB/64 MB;
- Windows Mobile: 38 MB in QVGA color only

Performance Characteristics

- Power: Removable, rechargeable 7.2 volt Lithium Ion 2200 mAh battery pack, 15.8 watt hours

Data Capture Options:
- 1D standard range scan engine; 1D extended range scan engine; Omni-directional imaging engine reads 1D and 2D symbols omni-directionally, and captures images and signatures; DPM engine reads a wide variety of DPM marks including data matrix marks applied by dot peening, laser etching, molding, stamping or casting methods to multiple substrates such as metal, plastic or glass

User Environment

- Operating Temp.: -4° to 122° F/20° to 50° C
- Charging Temp.: 32° to 104° F/0° to 40° C
- Storage Temp.: -40° F to 158° F/-40° C to 70° C
- Humidity: 5% to 95% non condensing
- Drop Spec: Multiple drops to concrete: 6 ft./1.8 m across the operating temperature range
- Tumble Spec: 2,000 one-meter tumbles at room temperature (4,000 hits)

Sealing:
- IP64 (electronic enclosure, display and keypad)

Large 3.8 in. display for exceptional clarity and contrast
- Easy to read in a variety of lighting conditions

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