

MX9

Mobile Computer

To earn the right to be called “ultra-rugged,” a device must test to an IP rating of 67, a 6-foot drop to concrete, and a 2,000 cycle 1-meter tumble test. But the true tests of the MX9 don’t happen in a lab. The MX9 proves itself on the loading dock when a worker uses it as a hammer to repair a palette; when a farmer trusts it as his sole connection to suppliers; and when workers use the device in a widening spectrum of demanding conditions.

To what kind of test will you subject the MX9? Push the PXA 320 processor with quick-turn browser-based applications. Use the WWAN radio and GPS to stay connected from the most remote locations.

From the port to the wheat field. From the warehouse to the construction site. From our tests to yours. Put the MX9 through its paces today.



Features

- **Ultra-Rugged:** Lowers total cost of ownership and reduces downtime with an IP67-rated design that has the ability to withstand multiple 6’ drops to concrete and 2,000 1m tumbles
- **Anywhere Wireless Connectivity:** Supports real-time connectivity to critical information with WWAN radio, GPS, and WLAN
- **Customizable Keyboard:** Increases worker productivity and ease of use with a fully mappable keyboard with 10 one-touch function keys
- **Outdoor Display:** Transflective display technology is readable, even in direct sunlight, for port, intermodal and other customers requiring outdoor data collection

MX9 Technical Specifications

Mechanical/Environmental

| | |
|-----------------------|---|
| Dimensions | 9.9" x 3.9" x 2.7" (251mm x 99mm x 69mm) |
| Weight | 2.1 lbs. (34 oz.) with scanner, 802.11, Bluetooth and handstrap |
| Operating Temperature | -4° to +122°F (-20° to +50°C) |
| Storage Temperature | -4° to +158°F (-20° to +70°C) |
| Humidity | 5 to 95% non-condensing |
| Drop | Withstands multiple 6' (1.8 m) drops to concrete |
| Tumble | 2,000 (1m) tumbles per IEC 60068-2-32 specification |
| Environmental Sealing | Independently certified to meet IP67 standards for moisture and particle resistance |
| ESD | 15KV Air discharge, 8KV contact discharge |

System Architecture

| | |
|---------------------|--|
| Processor | PXA320, 800MHz |
| Operating System | Microsoft® Windows® CE 5.0 Professional or Microsoft® Windows® Mobile 6.5 |
| Memory | 128MB SDRAM, 128MB Flash; 1GB or 4GB SD-card expansion |
| Display | 3.7" (94 mm) QVGA (240x320), transfective |
| Touch Panel | Resistive touchscreen with stylus |
| Keypad | Backlit 62-key alphanumeric, 38-key numeric-alpha |
| Audio | Microphone, Speaker with adjustable volume control |
| I/O Ports | RS-232/USB 2.0 host and client/audio out/Ethernet/charging connector |
| Battery | Li-ion, 11.1V, 2,400 mAh |
| Battery Life | 12 hour full-shift battery life (scanning and sending data over WLAN and Bluetooth every 10 seconds) |
| Imager/Scanner | Near-Far Range Laser (Lorax), Standard Ranger Laser, 2D imager |
| Decode Capabilities | Reads standard 1D and 2D symbologies |
| Warranty | 1 year factory warranty |
| Service Plans | Optional three-and five-year service programs offer worry-free mobile computing |

Wireless Connectivity

| | |
|---------------|--|
| WWAN | GSM, GPRS, Edge |
| WLAN | 802.11 b/g, 802.11 a/b/g |
| WLAN Security | Authentication: Support for a full range of 802.1X (EAP) types, including EAP-TLS, PEAP-MSCHAPv2, PEAP-GTC, LEAP, and EAP-FAST Encryption: Support for Static, pre-shared, and dynamic encryption keys, 40-bit and 128-bit keys, WEP, WPA (TKIP), and WPA2 (AES) Encryption Methods |
| WLAN Antennas | Internal diversity antenna |
| WPAN | Bluetooth® 2.0 + EDR, class II |
| GPS | GPS receiver |

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