



## GoBook Q-200

### *The Ultra-Rugged Handheld Solution*

#### **POWERFUL**

For Today and Years to Come

- Intel Xscale 400MHz
- 256MB CompactFlash for Operating System
- 128MB low power SDRAM

#### **RUGGED**

Providing for Computing Anywhere, Anytime

- Exceeds MIL-STD 810F
- Sealed for Dust and Water Intrusion (IP-67)
- Magnesium alloy casing
- Hazardous Location (HazLoc) Certification - Class 1 Div. 2 (optional)
- Decontaminable if used in infectious or parasitic environments

#### **WIRELESS**

Unparalleled Performance and Flexibility

- GSM/GPRS/EDGE/UMTS/HSDPA WLAN
- 802.11b or 802.11g WLAN
- Class II Bluetooth

#### **ERGONOMIC**

Built for Rugged Mobility

- 1.76 lbs Including Battery
- Intuitive Design for Ease of Operation



## Itronix, the company that invented Ultra-Rugged Data Collection, now offers the Q•200.

The GoBook Q•200 is a versatile, ergonomic, ultra-rugged, and environmentally immune handheld computer running the Windows CE.NET 4.2 operating system from Microsoft. Designed from the ground up to be as rugged as they come, the GoBook Q•200 handheld computing solution is ideal for mobile workforces that operate in demanding mission-critical environments. The Q•200 meets the mission critical demands of mobile field workers, providing the best drop specification, operating temperature range and sealing rating in its class. Inside the rugged sealed enclosure system is the popular Xscale 400 MHz processor from Intel that enables powerful processing, high performance Windows CE applications and simplified custom application development. A multitude of standard interfaces (including 10/100Mbit Ethernet, Serial, USB host and client, Infrared, PCMCIA, Compact Flash) and the ability to integrate 802.11B Wireless LAN, Wireless Wide Area Network technology and Class II Bluetooth® into the unit simultaneously, enables the GoBook Q•200 to be configured for a variety of mission critical mobile computing applications, including automatic meter reading, asset management, inspections and field service management.

### Product specification

#### Case:

- Upper case: Impact resistant plastic
- Lower case: Magnesium alloy with integral back-strap

#### Compact Size:

- 9.6" (24.3 cm) x 4" (10.1 cm) x 2.1" (5.4 cm); 80.64 in<sup>3</sup> (1321.45 cm<sup>3</sup>)

#### Weight:

- 1.76 lbs (800g) including battery

#### Processor:

- 400MHz Intel Xscale processor

#### Memory:

- 128MB low power SDRAM, 256MB CompactFlash for operating system, up to 31MB reserved for the Operating System

#### Power:

- Lithium Ion rechargeable pack (3,000mAh)
- Rechargeable coin cell backup battery (18 - 24hrs)

#### Screen:

- 3.7" • 1/4 VGA 320 x 240 pixel LCD Color TFT capable of 18-bit color (262,144 colors)

- Resistive touch screen allows use of passive pen or finger

#### Display Controller:

- High Performance Dedicated Video Controller

#### Keypad:

- 52-key backlit Alphanumeric keypad

#### Operating System:

- Microsoft CE.NET 4.2 on compact flash

#### Storage:

- Non-volatile solid state Type I Compact Flash slot for file storage

#### Interfaces:

- RS232 Serial Port
- 10/100Mbit Ethernet Port
- USB Host / Client Port
- IrDA port (FIR - 4mbps)
- Type II PCMCIA slot
- Type II Compact Flash slot (optional)

#### Audio:

- Integrated Microphone and Speaker output and headset jack

#### Environmental Specifications:

- Designed to MIL STD 810F
- Operating Temperature -21°C to +60°C (-4°F to +140°F)
- Storage Temperature -51°C to +71°C (-60°F to +160°F)
- 2 meter drops to concrete. Exceeds MIL 810F 516.5 Procedure IV, one unit survives 38 four foot drops
- Ingress Protection rating of IP-67 for dust and water intrusion

#### Regulatory Approvals:

- Safety: USA UL 60950
- CSA 22.2 No. 60950 ITE
- Europe IEC 60950 ITE
- Emission: USA CFR 47 FCC Part 15, Class B
- Canada ICES 03 Class B
- Europe CE mark EN 55022 Class B
- Immunity: Europe CE mark EN 55024
- Radio: USA CFR 47 Radio specific for selected Par
- Canada RSS radio specific for sections
- Europe R&TTE
- Hazardous Location (HazLoc) Certification - Class 1 Div. 2 (optional)

#### Warranty:

- 1 year comprehensive warranty

### Options and accessories

#### Integrated Wireless Communications:

- GSM/GPRS/EDGE/UMTS/HSDPA WLAN
- 802.11 b or 802.11 b/g WLAN
- Class II Bluetooth

#### Barcode Scanner:

- Integrated High Performance 650 nm laser-bases single-line scan engine

#### Communication Cable:

- 26 position D serial interface cable for unit and docking station, USB Client, USB Host, and Ethernet adapter cables also available

#### Multi-station Dock

- 6 slot multi-station dock

#### Desk Dock:

- 10/100Mbit Ethernet, USB Host / Client, and Serial communications - Includes secondary battery charger slot

#### Vehicle Dock:

- 12V DC power, safety crash tested - 1 9-pin D serial port

#### Carrying Case:

- Durable rip-proof nylon with integrated strap

## GENERAL DYNAMICS

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