

mobile solutions

Ultra-rugged mobile computing Solutions for your enterprise

GoBook® Q-100



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GoBook Q.100

Itronix: the Standard in rugged mobile computing solutions

highlights

- Pocket PC OS
- Ultra-rugged design
- IP-65 sealing
- Wireless WAN & LAN
- Extra bright display

Itronix, the company that invented Ultra-Rugged Data Collection, now offers the Q-100.

The GoBook Q-100 is a versatile, ergonomic, ultra-rugged, and environmentally immune handheld computer running Pocket PC 2000 or 2002 operating system from Microsoft. Designed from the ground up to be as rugged as they come, the GoBook Q-100 handheld computing solution is ideal for mobile workforces that operate in demanding mission-critical environments. The Q-100 meets the mission critical demands of mobile field workers, supporting the best drop specification, operating temperature range and sealing rating in the industry. Inside the rugged sealed enclosure system is a StrongARM 206 processor from Intel that enables powerful processing, high performance Pocket PC applications and simplified custom application development. A multitude of standard interfaces (including Serial, USB Client, Infrared, PCMCIA, Compact Flash) and the ability to integrate both 802.11B Wireless LAN and Wireless Wide Area Network technology into the unit simultaneously, enables the GoBook Q-100 to be configured for a variety of mission critical mobile computing applications, including automatic meter reading, asset management, inspections and field service management.



product specifications

Case:	Upper case: Impact resistant plastic with rubber over-molded grip detail • 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)
Weight:	1.4 lbs (700g) including battery
Processor:	206 MHz Intel StrongARM SA1110 processor
Memory:	64 MB low power DRAM and 32 MB flash memory (for operating system storage)
Power:	Lithium Ion rechargeable pack (2,800 mAh) • Rechargeable coin cell backup battery (over 40 hrs)
Screen:	3.8" (96.5 mm) • 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 with fast SDRAM
Keypad:	23-key backlit numeric keypad, including navigation keys • Optional 52-key backlit Alphanumeric keypad
Operating System:	Pocket PC 2000 or 2002 in flash memory
Storage:	Non-volatile solid state Type I Compact Flash slot for file storage
Interfaces:	1 RS232 Serial Port • 1 RS232/USB Client Port • IrDA port (SIR – 115 Kbps) • 1 Type III PCMCIA slot • 1 optional Type II Compact Flash slot
Audio:	Integrated Microphone and Speaker output and headset jack
Integrated Wireless Communications:	GSM/GPRS, 802.11B Wireless LAN (in compact flash II slot)
Environmental Specifications:	Designed to IEC529 (EN60529) • MIL STD 810F • Operating Temperature: -20°C to +60°C (-4°F to +140°F) • Storage Temperature: -55°C to +75°C (-67°F to +167°F) • Survives 2 meter drops to concrete. Exceeds MIL SPEC 810F 516.5 Procedure IV. One unit survives 38 four foot drops • Ingress Protection rating of IP-65 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 Part • Canada RSS radio specific for sections • Europe R&TTE
Warranty:	1 year comprehensive warranty

options and accessories

Barcode Scanner:	Integrated High Performance 650 nm laser-bases single-line scan engine
Communication Cable:	26 position D serial interface cable, and USB Client Cables for unit and docking station
Desk Dock:	USB Client and serial communications
Vehicle Dock:	12 VDC power, safety crash tested
Carrying Case:	Durable rip-proof nylon with integrated strap

For a complete list of available options and accessories contact your Itronix representative.



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Itronix Corporation
 801 South Stevens Street
 Spokane, WA 99204
 USA
 Tel: +1-800-441-1309
 +1-509-624-6600
 Fax: +1-509-626-4203
 Email: sales@itronix.com
 www.itronix.com

Itronix France
 Parc d'Affaires Silic
 74 Rue d'Arcueil
 BP 10405
 94573 RUNGIS Cedex
 France
 Tel: +33 (0) 1 46 87 80 09
 Fax: +33 (0) 1 45 60 55 95
 Email: ventes@itronix.fr
 www.itronix.fr

Itronix GmbH
 Auelsweg 18
 D-53797 Lohmar
 Deutschland
 Tel: +49 (0) 2246 - 92030
 Fax: +49 (0) 2246 - 18572
 Email: vertrieb@itronix.de
 www.itronix.de

Itronix (UK) Ltd.
 Itronix House
 Earplace Business Park
 Fletchamstead Highway
 Coventry CV4 9UR, UK
 Tel: +44 (0) 24 7671 4800
 Fax: +44 (0) 24 7671 5677
 Email: sales@itronix.co.uk
 www.itronix.co.uk

Itronix Asia
 5th Floor-2, No. 80
 Chung-Hsiao East Road Sec. 2
 Taipei 100
 Taiwan
 Tel: +886 2 2393 0660
 Fax: +886 2 2395 5256
 Email: sales@itronix.com.tw
 www.itronix.com