



**OC
RUGGED
LAPTOPS**

GoBook® MR-1

POWERFUL

For Today and Years to Come

- Intel® Core Solo; FSB 533 MHz; 1.2 GHz U1400
- Up to 1 GB RAM

RUGGED

Providing for Computing Anywhere, Anytime

- Meets or exceeds MIL-STD 810F
- Sealed against water and dust intrusion (IP54)
- Magnesium alloy casing and impact absorbing exoskeleton
- Crash-tested for in-vehicle safety

WIRELESS

Unparalleled Performance and Flexibility

- WWAN, WLAN, Bluetooth®, and GPS available all in one system
- Leading edge, high speed data transfer
- Coverage even in fringe areas
- Worldwide HSDPA and EVDO (Rev A) cellular support

Fully-Rugged, Ultra-Mobile Notebook

- WWAN or WLAN external RF switch for in-vehicle applications
- Seamless roaming for uninterrupted coverage
- Standard mini-card for WWAN and WLAN

ERGONOMIC

Built for Rugged Mobility

- Smallest and lightest rugged notebook form factor (2.0 lbs)
- DynaVue™ *patent-pending* touchscreen display for unmatched outdoor viewability
- Ergonomically designed, sealed keyboard
- Dual navigational options: Touchpad / Micro Joystick
- Intuitive design for easy operation

SECURITY

Unmatched Data and Asset Protection

- Multiple user and network authentication options
- Optional Fingerprint reader, optional v 1.2 TPM, file/folder locking
- Multiple asset protection features

Fully-Rugged, Multi-Wireless, Pocket Notebook... with a Big Ultra-Mobile Attitude!!

Designed for anywhere, anytime mission-critical computing, the innovative GoBook® MR-1 notebook is as powerful and rugged as it is ergonomic and portable, sporting the lightest and smallest footprint of any fully-rugged, ultra-mobile notebook. The GoBook® MR-1 has an Intel® Core Solo 1.2 GHz processor to give it the power to leverage multi-threaded applications and boost overall speed and performance. The GoBook® MR-1 also features unparalleled outdoor viewability with the new *patent-pending* DynaVue™ technology.

The GoBook® MR-1 is engineered to include modular, innovative expansion module architecture. The optional expansion modules allow the GoBook MR-1 to integrate additional functionality into the existing base unit, providing expanded flexibility through added modular I/O options.

The GoBook® MR-1 offers an incredible array of industry leading wireless capabilities, and can simultaneously deploy four integrated radios – including GPS – for the ultimate in wireless coverage. Designed with data security in mind, the GoBook® MR-1 incorporates a sought after assortment of secure computing features, including a TPM v1.2 (on optional expansion modules), and an optional integrated fingerprint reader.



GoBook MR-1 Product Specifications

Durability Features:

- Meets or exceeds MIL-STD 810F
- Water/Dust tight (IP54/IEC 60529)
- Die-cast magnesium chassis
- Sealed I/O ports
- SAE J1455 vehicle crash tested (when used with a General Dynamics Itronix certified vehicle dock)

CPU:

- Intel® Core Solo ULV
- 1.2 GHz Processor speed
- FSB 533 MHz
- 2MB L2 Cache

Memory:

- 512 MB or 1GB DDR2 DRAM

Video Graphics:

- Up to 128MB dynamically allocated graphics memory

Display:

- 5.6" WSVGA outdoor viewable DynaVue™ *patent-pending* display (1024 x 600)
- DynaVue™ exceeds the minimum contrast ratio as required for bright sunlight per DOD-STD-3009
- Integrated touchscreen
- 2048 x 1536 through external VGA port through Mini-Office Dock

Storage:

- Choice of 40 GB or optional 80 GB (with an optional expansion module) shock mounted 1.8 in. ruggedized PATA HDD
- HDD heater (standard)
- 32 GB or 64 GB Solid State Drive (optional)

Integrated Wireless Communications:

- Up to 3 RF modems and a GPS receiver can be integrated at one time
- Engineered for minimum radio dense to get maximum wireless coverage
- Superior wireless power management
- MobilityXE™ software for secure wireless access and seamless roaming between your wireless or wired WAN and LAN coverage areas

Wireless LAN (Options):

- Intel® PRO/Wireless 3945ABG 802.11 a/b/g network connections
- 2.4, 5.0 GHz dual-band diversity antennas
- Authentication: WPA and WPA2, 802.1X (EAP-TLS, TTLS, MD5, PEAP, LEAP, EAP-FAST), EAP-SIM
- Encryption: 64-bit and 128-bit WEP, AES-CCMP, CKIP, TKIP

Wireless WAN (Options):

- 1xRTT/EVDO or EDGE/UMTS/HSDPA
- Mini-card WWAN radio modules
- Integrated 800 - 2500 MHz Multi-Wideband antennas

Bluetooth® (Options):

- Bluetooth v 2
- Class II
- Integrated antenna

GPS (Options):

- Fully integrated GPS
- High performance quadfilari helix antenna

Keyboard & Input:

- Ergonomic 76-key sealed keyboard
- Backlit keyboard
- Localized versions available

Audio:

- Internal microphone and (1) speaker with Intel® High Definition Audio

Optional Expansion Modules:

Legacy Port Slice:

- 1 USB 2.0 port
- 1 RS 232 port
- TPM v 1.2

PC Card Slice:

- PC Card slot
- 1 RS 232 port
- 1 1394a port
- TPM v 1.2

Multi-I/O Slice:

- 2 USB 2.0 ports
- 1 RS 232 port
- 1 1394a port
- 1 Ethernet (RJ45) port
- 1 Wireline modem (RJ11) port
- TPM v 1.2

I/O Interface:

- 2.5 stereo SmartPhone headset audio jack
- USB 2.0

Power Supply:

- 4000 mAh (29Wh) Lithium-Polymer main battery
- Optional 8000 mAh (59Wh) Lithium-Ion 'extended' battery pack
- Battery life of 3 hours with main battery, 6 hours with 'extended' battery pack
- GoBook Power Saver for user selectable power management optimization

Operating System Software:

- Microsoft® Windows® XP / Vista capable

Enhanced Security & Protection:

- Password security: Pre-boot, Supervisor, User
- Trusted Platform Module security chip (TPM v1.2) - on optional expansion modules
- Fingerprint reader (optional)
- Stealth mode: To boot-up without sound/light emissions

Dimensions & Weight:

- 1.6" (H) x 6.6" (W) x 4.8" (D) (40mm (H) x 168mm (W) x 122mm (D))
- 2.0 lbs (.91 kg)

Accessories:

- Vehicle Dock with or w/o RF Connector
- Mini-Office dock
- AC Adapter & Cord (45W)
- Vehicle Adapter - 11V - 28V (36W)
- External battery charger
- RF contacts for external vehicle-mounted antennas
- Carry case

Warranty:

- 3 year warranty

GENERAL DYNAMICS
Itronix

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