GoBook® MR-1

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Fully-Rugged, Ultra-Mobile Notebook

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
- Seamless roaming for uninterrupted coverage
- Standard mini-card for WWAN and WLAN

ERGONOMIC

Built for Rugged Mobility

- Small and light rugged notebook form factor (2.4 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

GENERAL DYNAMICS
Itronix

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. 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 *patent-pending* DynaVue® technology.

The GoBook® MR-1 is engineered to include 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 I/O capabilities.

The GoBook® MR-1 offers 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 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)

Software:
- Microsoft® Windows® Vista
- Microsoft® Windows® XP

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

Memory:
- 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 60 GB or optional 80 GB 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 desense 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 quadrifilar helix antenna

Keyboad & 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 mm stereo SmartPhone headset audio jack
- USB 2.0

Power Supply:
- 8000 mAH (59Wh) Lithium-Ion 'extended' battery pack
- 6 hours with 'extended' battery pack
- GoBook Power Saver for user selectable power management optimization

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:
- 1.8" (H) x 6.6" (W) x 4.8" (D) (45mm (H) x 168mm (W) x 122mm (D))
- 2.4 lbs (1.11 kg)

Accessories:
- Vehicle Dock
- Mini-Office dock
- AC Adapter & Cord (45W)
- Vehicle Adapter - 11V - 28V (36W)
- External battery charger
- Carry case

Warranty:
- 3 year warranty

GENERAL DYNAMICS
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