



When the demands of your work setting eliminate other computers due to size and space limitations or environmental extremes, the fully-rugged and compact GoBook[®] MR-1 is ready to fill the void.

Able to go anywhere, it is lightweight and fits in your hand but still furnishes the functionality of a full featured notebook with the rugged durability you expect from General Dynamics Itronix computers.

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 Computing Anywhere, Anytime

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

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, Ultra-Mobile Notebook

Wireless

Unparalleled Performance and Flexibility

- WWAN, WLAN, Bluetooth[®], and GPS available all in one system
- 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, lightweight, rugged notebook form factor (2.4 lbs)
- DynaVue[®] *patent-pending* touchscreen display for superior outdoor viewability
- Ergonomically designed, sealed keyboard
- Dual navigational options: Touchpad / Micro Joystick
- Intuitive design for easy operation

GoBook MR-1 Product Specifications



Durability Features:

- Meets or exceeds MIL-STD 810F and 810G
- Water/Dust tight (IP54/IEC 60529)
- Die-cast magnesium chassis
- Sealed I/O ports
- SAE J1455 vehicle crash tested

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® display
- DynaVue® exceeds the minimum contrast ratio
- Integrated touchscreen
- 2048 x 1536 through VGA port through Mini-Office Dock

Storage:

- 80 GB shock mounted 1.8 in. ruggedized PATA HDD
- HDD heater (standard)
- 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 WAN (Options):

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

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

Bluetooth® (Options):

- Bluetooth v 2
- Class II
- Integrated antenna

GPS (Options):

- Fully integrated GPS
- High performance quadrifilar 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

PC Card Slice:

- PC Card slot
- 1 RS 232 port

Multi-I/O Slice:

- 2 USB 2.0 ports
- 1 RS 232 port
- 1 Ethernet (RJ45) port
- 1 Wireline modem (RJ11) port

Multi-USB Slice:

- 4 USB 2.0 ports
- 1 Ethernet (RJ45) port

I/O Interface:

- 2.5 mm stereo SmartPhone headset audio jack
- USB 2.0

Power Supply:

- 7600 mAh (56.2WH) Lithium-Ion battery pack
- Battery life of 6 hours
- 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

Itronix

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