GD2000

It's all about mobility. The pocket-sized GD2000 fully-rugged, ultra-mobile PC from General Dynamics Itronix delivers the power, durability and mobility that users have come to expect from our line of high-performance, fully-rugged, ultra-mobile PCs.

The GD2000, featuring DynaVue® display technology, has a powerful Intel® Processor that can leverage multi-threaded applications and a Lithium-Ion, hot swappable battery pack that allows the user to replace the battery without system interruption. A MicroDIMM memory expansion slot provides increased memory space and an ergonomically designed keyboard increases the usability and functionality of this ultra-mobile PC.

The GD2000 is engineered to include an innovative expansion module architecture. The optional expansion modules allow the GD2000 to integrate additional functionality into the existing base unit, providing expanded flexibility through added modular I/O options.

GD2000

Powerful, Pocket-Sized, Fully-Rugged

Powerful

Providing High Performance Computing

- Intel® Celeron® M Processor ULV722 (1M Cache, 1.20 GHz, 800MHz FSB)
- 2GB RAM, expandable slot

Rugged

Providing Computing Anywhere, Anytime

- Meets or exceeds MIL-STD-810G
- Sealed against water and dust intrusion (IP54)
- Magnesium alloy casing and an impact absorbing exoskeleton

Security

Unmatched Data and Asset Protection

- Multiple user and network authentication options
- Multiple asset protection features

Wireless

Unparalleled Performance and Flexibility

- WWAN, WLAN, Bluetooth®, and GPS available all in one system
- Worldwide HSDPA and HSPA+ 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
- DynaVue® patent-pending touchscreen display for superior sunlight-viewability
- Ergonomically designed, sealed keyboard
- Dual navigational options: TouchPad/Micro Joystick
- Intuitive design for easy operation

GENERAL DYNAMICS
Itronix

GD2000 Product Specifications

Durability Features:
- Meets or exceeds MIL-STD-810G
- Meets MIL-STD-461F
- Water/Dust tight (IP54/IEC 60529)
- ASTM 4169-99 truck assurance
- Die-cast magnesium chassis
- Sealed I/O ports

Software:
- Microsoft® Windows® Vista
- Microsoft® Windows® 7

CPU:
- Intel® Celeron® M Processor ULV722
- 1.2 GHz processor speed
- FSB 800MHz
- 1M Cache

Memory:
- 2GB DDR3 DRAM
- MicroDIMM expansion slot

Video Graphics:
- Up to 256 MB dynamically allocated graphics memory

Display:
- 5.6" LED WSVGA sunlight-viewable DynaVue® display (1024x600)
- DynaVue® exceeds MIL-STD-3009 minimum contrast ratio
- Integrated touchscreen
- 2048 x 1536 resolution through VGA port through Mini-Office Dock

Storage:
- 64GB 1.8" SATA SSD
- Options: 128GB and 256 GB 1.8" SATA SSDs

Keyboard & Input:
- Ergonomic 77-key sealed keyboard
- Backlit keyboard
- Programmable keys

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

I/O Interface:
- 3.5 mm stereo headset audio jack
- USB 2.0

Power Supply:
- EnergyStar® rated
- 7600 mAH (56.2WH) Lithium-ion, hot swappable battery pack
- Battery life of 6 hours
- Hazardous location battery - UL1604 (optional)
- DynaPower® 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)
- 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)

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

Wireless WAN (Optional):
- EDGE/UMTS/ HSDPA/HSPA+
- Mini-card WWAN radio modules
- Integrated 800 – 2200 MHz multi-wideband antennas

Wireless LAN (Optional):
- Intel® Wifi Link 5100 802.11 a/b/g/n network connections
- 2.4 GHz and 5.0 GHz dual-band diversity antenna
- Authentication: WPA7 and WPA2, 802.1X, LEAP, EAP-TLS, PEAP-TLS, and PEAP-MSCHAPv2
- Encryption: CKIP, TKIP, 64-bit and 128-bit WEP (for 802.11a/b/g), AES-CCMP (for 802.11a/b/g/Draft-N)

Bluetooth® (Optional):
- Bluetooth® v2.1 with EDR
- Class II
- Integrated antenna

GPS (Optional):
- Fully integrated GPS
- High performance quadrafilar helix antenna

Optional Expansion Modules:

Multi-USB Slice:
- (4) USB 2.0 ports
- (1) Ethernet (RJ45) port

Mini-Office Dock
- VGA monitor output
- Serial port
- Ethernet port
- x2 USB
- Audio input/output
- DC power input

Accessories:
- AC adapter & cord (50W)
- External battery charger

Warranty:
- 3 year warranty

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