



## GD6000®

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### High-Performance Vehicle-Rugged Notebook

#### WIRELESS

- Fully Mobile Platform with Integrated
  - 802.11 a/b/g/n
  - GPS
  - Bluetooth
  - EVDO Rev A
  - HSDPA/UMTS
- Protected High Gain Antennas for Increased Coverage and Reliability

#### DURABLE

- Fully-Rugged Temperature Range
- Fully-Rugged Vibration Resistance
- Fully-Rugged Dust Ingress Protection
- Fully-Rugged Humidity Standard
- Best in Class Drop Protection
- Most Spill Resistant Keyboard

#### PERFORMANCE

- 13.3" DynaVue® *patent pending* Touchscreen Display
  - Better Viewability than 1,000 NIT Display
- Integrated Keyboard Task Lights
- Intel® 2.53GHz T9400 Core 2 Duo Processor
- 1066 MHz FSB
- Up to 4GB Memory
- 6MB L2 Cache
- Intel® GM45 Chip Set

#### SECURITY

- TPM v.1.2
- Integrated Fingerprint Reader
- Smartcard Reader for access "Gate Keeping"
- Removable Hard Disk Drive

## Performance for the Office, Durability for the Road

Performance and durability come together in the GD6000 to create a notebook that is equally at home in the office and on the road.

Designed for mobile workforces, the GD6000 is the only notebook optimized for vehicle deployments. It meets fully-rugged standards for temperature, vibration, dust ingress and humidity. It can also survive punishing 30" drops and comes standard with a spill resistant keyboard, dual task lights and the industry's best 13.3" outdoor viewable touchscreen display featuring our *patent-pending* DynaVue® technology. And it has options for GPS, WWAN and a full function vehicle dock.

This best in class road durability does not come at the expense of office performance. The GD6000 is equipped with the Intel® Core™ 2 Duo T9400 processor, 1066 MHz FSB, 6MB L2 Cache, and up to 4GB of memory. An optional office dock, external keyboard, mouse and display make office work a breeze. For best in class durability, performance, and unparalleled outdoor viewability check out the GD6000 - it works where you work.



## Product Specifications

### Durability Features:

- Magnesium alloy housing
- Shock mounted HDD and display
- MIL STD 810F vibration, temperature range and humidity
- ANSI/IEC 529 IP 5x dust ingress protection
- Spill resistant keyboard and palm rest
- 30" drop protection

### Software

- Microsoft® Windows® Vista
- Microsoft® Windows® XP

### CPU:

- Intel® Core™2 Duo T9400
- 6MB L2 cache
- Processor speed 2.53 GHz (Dual Core)
- 1066MHz Front Side Bus

### Storage & Memory:

- 1024MB SDRAM (DDR3) standard expandable to 4096MB
- 120GB 2.5" (6.35cm) 5400 RPM standard HDD
- Optional HDD heater for low temperature performance
- Multi Drive CD-RW/DVD-RW

### Display:

- 13.3" 1024 x 768 (XGA) transmissive TFT Active Matrix Color LCD with touchscreen display
- Outdoor viewable with DynaVue® *patent-pending* display
- DynaVue® exceeds the minimum contrast ratio as required for bright sunlight per DOD-STD-3009
- External video support up to

2048 x 1536 at 16,777,216 colors

- Mobil Intel® GM45 Chipset, DVMT (Dynamic Video Memory Technology) resource allocated to 1024MB

### Audio:

- Intel® High definition audio compliant
- Realtek ALC 269 CODEC
- Integrated stereo speakers
- Convenient keyboard volume and mute controls

### Expansion Slots:

- PC Card type I or II x 1
- Optional Express Card x 1
- Optional SmartCard reader

### Multimedia Pocket:

- Multi Drive (CD-RW/DVD-RW)

### Keyboard & Input:

- 84-Key with dedicated Windows® key
- Full size 19mm pitch
- Electrostatic touchpad with scrolling support
- Touchscreen LCD
- Stylus

### Interface:

- External Video - Mini-D-sub 15 pin
- Headphones/Speaker - Mini-jack stereo
- Microphone/Line in - Mini-jack stereo
- Port Replicator (Docking) - Dedicated 84 pin
- Serial - D-sub 9 pin
- USB 2.0 (x2) - 4 pin
- 10/100/1000 Ethernet - RJ-45

- V.92 56K BPS Modem - RJ-11

### Power Supply:

- 6 cell high capacity lithium-Ion (47.5WH)
- AC Adapter: AC 100V-240V 50/60Hz, Auto Sensing/Switching
- Optional 9-cell high capacity Lithium-Ion (71.3WH)

### Power Management:

- Hibernation, Standby, ACPI BIOS
- Power Saver power management software

### Dimensions & Weight:

- 2.24" (H) x 12.05 (W) x 10.24" (D)
- 5.7cm (H) x 30.6cm (W) x 26 (D)
- 6.2 Lbs (2.81kg)

### Security Features:

- Password Security, Supervisor, User
- Cable lock slot
- Trusted Platform Module Security Chip (TPM) v.1.2
- Pre-boot Password

### Wireless:

- Wireless LAN 802.11 a/b/g/n
- Intel® WiFi Link 5100 HMC Connection with respective drivers
- Radio on/off switch
- Security
  - Authentication, LEAP, WPA, 802.1x, EAP-TLS, EAP-FAST, PEAP
  - Encryption CKIP, TKIP, 128-bit and 64-bit WEP, Hardware AES
- Wide Area Wireless Solutions

(Common Radio Module Architecture)

- EVDO Rev A
- HSDPA
- GPS
  - Quadra-helix antenna for faster and more accurate fixes
  - High sensitivity SiRF III firmware and software
- Bluetooth® 2.0 +EDR
- Integrated and protected antennas

### Warranty:

- 3-year limited warranty, parts & labor

### Integrated Options:

- Express Cards Slot
- SmartCard Reader
- Fingerprint Reader
- Front or rear mount soft handle
- Rear mount hard handle
- Custom labels
- Custom color
- Custom Disk Image
- Shoulder Strap & Hardware Kit front or rear mount

### Accessories:

- Vehicle Dock
- Vehicle Dock w/ external antenna connections for WLAN and WWAN
- Office Dock
- Standard Battery (6 cells)
- Extended Battery (9 cells)
- AC Adapter & Cord (65W)
- Vehicle Adapter 12V-18V (70W)
- Soft Handle & Hardware Kit
- Carry Cases

## GENERAL DYNAMICS Itronix

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