

# GD6000



You depend on your mobile computer as much as your vehicle to get the job done. The GD6000 is designed for life on the road, from vehicle vibrations and direct sunlight to temperature extremes.

## GD6000

### *High-Performance, Vehicle-Rugged Notebook*

#### Rugged

Maximize Uptime With Built-In-Durability

- MIL-STD-810G Certified
  - Vibration, temperature, humidity, shock, altitude
- Crash-tested for in-vehicle safety
- Withstands punishing 30" drops
- Protects against dust intrusion (IP5X)
- Keeps data safe via a shock-mounted hard drive
- Spill-resistant keyboard and touchpad
- Superior magnesium alloy casing

#### Performance

Speed Up Work Assignments On-The-Go

- Intel® Core™2 Duo T9400 (2.53 GHz, L2 6MB, 1066 MHz FSB)
- Intel® GM45 chipset, dynamic video memory technology
- Up to 8GB of ultra fast DDR3 memory
- Sunlight-viewable DynaVue® touchscreen display

#### Wireless

Stay Connected - Anytime, Anywhere

- WWAN, WLAN, GPS and Bluetooth available all in one system
- Protected high gain antennas for increased coverage and reliability
- Switchable WWAN and WLAN for in-vehicle applications
- Seamless roaming for uninterrupted coverage
- EVDO Rev A/HSUPA support via Gobi2000
- Field upgradeability to new WWAN technologies via CRMA Express

#### Security

Secure By Design To Protect Business Data

- Trusted platform module security chip (TPM v1.2)
- Fingerprint reader
- Smartcard reader
- Kensington cable lock slot
- Removable hard disk drive

**GENERAL DYNAMICS**  
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## GD6000 Product Specifications



### Rugged and Durability

#### Features:

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

#### Operating System:

- Microsoft® Windows® 7, Professional 32-bit
- Microsoft® Windows® Vista Business, SP1 32-bit
- Microsoft® Windows® XP Downgrade (custom only)

#### CPU:

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

#### Storage & Memory:

- 1GB SDRAM (DDR3) standard expandable to 8GB<sup>1</sup>
- 160GB 2.5" (6.35cm) and optional 320GB 5400 RPM standard HDD
- Optional 128GB solid state drive
- HDD heater for low temperature performance

#### Display:

- 13.3" 1024 x 768 (XGA) transmissive TFT Active Matrix Color LCD with touchscreen display
- Outdoor viewable with DynaVue® display
- DynaVue® exceeds the minimum contrast ratio as required for bright sunlight per MIL-STD-3009
- External video support up to 2048 x 1536 at 16,777,216 colors
- 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)

#### Power Management:

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

#### Power Supply:

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

#### 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

#### Dimensions & Weight:

- 2.24" (H) x 12.05 (W) x 10.24" (D)
- 5.7cm (H) x 30.6cm (W) x 26cm (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

#### Integrated Options:

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

#### Wireless:

- Wireless LAN 802.11a/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
- HSUPA
- 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

#### Accessories:

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

#### Warranty:

- 3-year limited warranty, parts & labor

<sup>1</sup>8GB DDR3 configuration option is available with a custom image.

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