

# GENERAL DYNAMICS Itronix GD6000 Vehicle Semi Rugged Notebook

Designed for mobile work forces, 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 Dyna Vue 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.

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## Key Features

- Intel Core 2 Duo T9400
- Magnesium Alloy Case
- Spill Resistant Keyboard and Palm Rest Area
- 30" Drop Shock Resistant (six drops)
- Shock Mounted HDD and display
- 1024MB SDRAM (DDR3) Standard expandable to 4096MB
- Optional HDD Heater for low temperature performance
- Multi Drive CD-RW/DVD-RW
- Wireless LAN 802.11a/g/n
- DynaVue® Outdoor Viewable Display as standard



Rugged Systems is one of Europe's leading suppliers of rugged, mobile computer, display and communications solutions and services. Specialising in applications such as test & measurement, command and control, data acquisition, secure data & computing, TEMPEST and ultra-reliable message transfer over noisy tactical communication channels. The company strives to be innovative and provide cost effective solutions, through many years of knowledge and experience

# GD6000 Specifications



## FUNCTIONAL

Processor	Intel® Core™2 Duo T9400; 2.53GHz Processor; 1066MHz FSB
Memory	1024MB SDRAM (DDR3) Standard expandable to 4096MB
Cache	6MB L2 Cache
Storage	Shock mounted Hard Disk Drive and display; Multi Drive CD-RW/DVD-RW
Display	13.3" TFT XGA Outdoor transmissive DynaVue display with Touchscreen (1024x768); DynaVue exceeds the minimum contrast ratio as required for bright sunlight per DOD-STD-3009; External video support up to 2048x1536 at 16,777,216 colours; Mobile Intel® GM45 Chipset, DVMT (Dynamic Video Memory Technology) up to 1024MB
Keyboard	84-Key with Dedicated Windows Key; Full-size 19mm pitch
Pointing Device	Electrostatic touchpad with scrolling support; Touchscreen LCD with Stylus
I/O Ports	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.9256K BPS Modem – RJ-11
PCMCIA	PC Card Type I or II x 1; Optional Express Card x 1; Optional SmartCard Reader x 1
Audio System	Intel® High definition audio compliant; Realtek ALC 269 CODEC; Integrated Stereo Speakers; Convenient keyboard volume and mute controls
Integrated Communications	Wireless LAN 802.11 a/g/n; Intel WIFI Link 5100 HMC Connection with respective drivers; Radio on/off switch;
Options	HSDPA; GPS; Bluetooth
Operating System	Microsoft® Windows XP

## ENVIRONMENTAL (MIL-STD-810F)

Rain/Water	Spill resistant keyboard and palm rest
Vibration	MIL-STD-810F
Drop	30 Drop protection. Meets MIL-STD-810F
Enclosure Class	IP5x

## PHYSICAL

Dimensions	2.24" (H) x 12.05 (W) x 10.24" (D) 5.7cm (H) x 30.6cm (W) x 26 (D)
Weight	6.2 lbs. (2.81 kg)
Chassis	Die-Cast Magnesium for all structural components

## ELECTRICAL

AC Input	100~240 VAC, 50~60 Hz AC adapter
Battery	Primary: 6 Cell high capacity lithium-ion (47.52Wh) Optional: 9 Cell high capacity lithium-ion (71.2Wh)

## OPTIONS

DC Input	Vehicle adapter 12V-18V (70W)
Storage	Optional HDD heater for low temperature performance
Vehicle Mount	Vehicle dock, Vehicle Dock w/external antenna connections for WLAN and WWAN
Other	Carry cases for system and accessories, External Battery Charger, soft handle and hardware kit, Express Cards Slot, SmartCard Reader, Fingerprint Reader, Office Dock, Standard Battery (6 cells), Extended Battery (9 cells), AC Adapter & Cord (65W)



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