

GD4000



Designed to increase the productivity of the mobile workforce, the GD4000 semi-rugged notebook delivers the computing horsepower, wireless communications, and outdoor performance required in the fast-paced mobile computing world.

The GD4000 is equipped with quad core processing performance, discrete graphics, and a bright 14" HD LED touchscreen display that delivers exceptional viewability in all lighting conditions. These features combined with its durability, embedded mobile broadband technology for 4G and 3G networks, videoconferencing capabilities, security options, and long-lasting battery life deliver exceptional mobile computing — anytime, anywhere.

GD4000

Rugged

Built to Last in the Office or on the Road

- MIL-STD-810G certified for shock, vibration, dust, altitude, temperature, humidity
- IP5x certified against dust intrusion
- Withstands 30-inch drops
- Solid state drives to keep data safe
- Spill-resistant keyboard, magnesium alloy frame, and port covers for added protection

Computing Performance

Increase Your Productivity

- 2nd generation Intel® Core™ i5 and i7 dual-core and quad-core processor options give you the power to do more
- High definition display and outdoor-viewable technology provide stunning visuals even in direct sunlight
- High performance DDR3 memory and discrete graphics enable more speed and responsiveness
- Long-lasting battery life with fast recharge capabilities

The Go-Anywhere Semi-Rugged Notebook

Wireless Communications

Stay Connected on the Move

- Embedded wireless capabilities and antennas offer optimal performance over WWAN, WLAN, and Bluetooth
- Fast 4G and 3G upload and download speeds for doing more in the field
- Assisted GPS capabilities and dedicated wireless on/off switch

Ergonomics & Security

Built for Mobility and Secure by Design

- Lightweight, compact design with a full-size screen for maximum mobility
- Vibrant backlit keyboard for better illumination in low light conditions
- Gesture-enabled touchpad helps increase productivity because it's ergonomically designed and lets you work smarter
- Built-in webcam and noise-reducing microphone for easy global collaboration
- Glove-friendly, resistive touchscreen display for easier interaction without the keyboard
- Maximum security via a Smart Card reader, fingerprint reader, TPM v1.2 security chip, cable lock slot, and Intel® vPro™ technology

GENERAL DYNAMICS
Itronix

GD4000 Product Specifications



Durability Features:

- MIL-STD-810G certified (30" drop, shock, vibration, dust, altitude, high/low temperature, humidity)
- IP5x certified (IEC 60529) for dust
- Spill-resistant keyboard
- Magnesium alloy frame

Operating System:

- Windows® 7 Professional 32-bit
- Windows® 7 Professional 64-bit

CPU:

- Intel® Core™ i5-2520M vPro™ Processor
 - 2.5GHz with Turbo Boost Technology 2.0 up to 3.2GHz
 - Intel® Smart Cache 3MB
 - Dual core
- Intel® Core™ i7 vPro™ processors
 - Intel® Smart Cache up to 6MB
 - Dual core and quad core options

Chipset:

- Intel® QM67 Express Chipset

Video Graphics:

- Intel® HD Graphics 3000
- nVidia® NVS™ 4200M 512MB DDR3 Discrete Graphics

Memory:

- 2GB DDR3 SDRAM (1333MHz) expandable to 8GB¹

Storage:

- 250GB/320GB/500GB hard disk drive
- 128GB/256GB solid state drive

Display:

- 14.0" High Definition LED (1366x768)
- Optional resistive touchscreen
- Outdoor viewable
- Anti-glare screen treatment

Wireline Communications:

- V.92 data/fax internal modem
- 10/100/1000 Mbps Ethernet LAN

Wireless Communications:

- WLAN / WiMAX
 - Intel® Centrino® Advanced-N 6205 802.11a/b/g/n
 - Intel® Centrino® Advanced-N + WiMAX 6250 802.11a/b/g/n and 802.16e
- WWAN² /A-GPS
 - 4G LTE mini card with A-GPS
 - Multi-mode HSPA+/EV-DO mini card with A-GPS
 - Single-mode HSPA+ mini card with A-GPS
- Bluetooth v3.0
- Wireless on/off switch

Multimedia & Audio:

- Integrated high definition 2MP webcam
- Two channel high definition audio
- Integrated high quality speakers
- Integrated noise-reducing digital microphone
- Volume and mute controls

Keyboard & Input:

- Full-sized, dual pointing standard or backlit keyboard
- Multi-touch touchpad
- Resistive touchscreen LCD

Expansion Slots:

- ExpressCard/54
- Smart Card reader
- SD memory card reader

Modular Bay:

- Swappable modular bay accepts DVD-ROM, DVD+/-RW, two USB 3.0 module, secondary hard drive or secondary battery

I/O Interface:

- USB 2.0 (x 4); total includes one USB/eSATA combo
- HDMI
- VGA
- 10/100/1000 Ethernet (RJ-45)
- Optional modem (RJ-11)
- Stereo headphones/speaker and microphone combo jack
- Docking connector

Dimensions & Weight:

- L x W x H: 9.7" x 14.07" x 1.14"-1.48" (246.5 mm x 357.3 mm x 29.0-37.7 mm)
- Starting at 5.92 lbs (2.69 kg)³

Power Supply:

- 6-cell (60Wh) Lithium Ion battery
- 9-cell (97Wh) Lithium Ion battery
- 3-cell (30Wh) secondary battery for media bay
- Up to 12.5 hours⁴ of operation with 9-cell battery
- AC adapter (90W, 100-240V, 50/60Hz)

Security:

- Trusted Platform Module (TPM) security chip v1.2
- Fingerprint reader
- Smart Card reader
- Contactless Smart Card reader
- Cable lock slot

Accessories:

- AC adapter
- Battery packs
- DVD
- Memory cards
- Hard drives
- Vehicle docking station
- Desktop port replicator
- Carrying case

Regulatory:

- Energy Star 5.0
- EPEAT

Warranty:

- 3 year warranty

¹ A 64-bit operating system is required to support 4GB or more of system memory.

² For WWAN country specific support, please contact your local sales representative.

³ Weight varies by configuration.

⁴ Battery operation will vary by use and settings.

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North America Head Office: 1000 Sawgrass Corporate Parkway, Suite 300 • Sunrise, FL 33323 • Tel: +1-800-441-1309, +1-954-846-3400 • Fax: +1-954-846-3392 • Email: sales@gd-ironix.com • www.gd-ironix.com

EMEA Head Office: Earlplace Business Park, Fletchamstead Highway, Coventry, CV4 9UR UK • Tel: +44(0) 24 7671 4800 • Fax: +44(0) 24 7671 5677 • Email: sales@gd-ironix.eu • www.gd-ironix.eu

Germany: Tel: +49 211 5 23 91 459 • Fax: +49 211 5 23 91 200 • Email: sales@gd-ironix.eu • www.gd-ironix.eu

Asia: 7F, No. 2, Lane 258, Rueiguang Road, Taipei 114, Taiwan • Tel: +886 2 8797 7080 • Fax: +886 2 8797 7081 • Email: sales@gd-ironix.com.tw

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