

GD3070



The GD3070 rugged tablet has been designed and engineered to meet the needs of the mobile workforce. The hardened magnesium alloy casing and shock-resistant mounting comply with MIL-STD 810G and allow it to operate in field environments.

Ergonomically designed for ease of use, the lightweight (1.3 kg) GD3070 features a sunlight-viewable screen and hot-swappable dual battery packs that can deliver up to 8 hours of operation in the field.

GD3070

Rugged Tablet

Reliable

Rugged Mobile - Anytime, Anywhere Computing

- Meets or exceeds MIL-STD 810G
- ASTM 4169-99 Truck Assurance Level II, Schedule E 11.5.2
- Sealed against water and dust intrusion
- Magnesium alloy casing and shock-resistant mounting

Innovative

Designed for Your Growing Mobile Workforce

- Sunlight-viewable solution incorporates polarized LCD glass and anti-reflection technology to achieve superior sunlight-viewability
- Intel® Z530P (1.6GHz, FSB 533MHz)
- Advanced resistive touch technology
- 2G DDRII memory

Service & Support

Trusted Service & Support

- Standard 3 yr limited warranty
- Expanded service options available

Wireless Options

Upgradable, Modular Design for Unparalleled Performance and Flexibility

- Express and SD card slot with optional sealed cover
- Intel® WiFi [802.11a/b/g/N WLAN]
- Bluetooth® 2.1 + EDR
- GPS, WWAN, barcode scanner and RFID Reader
- Various combinations available depending on specific requirements

Ergonomic

Designed for Rugged Mobility

- One handed operation
- 1.3 kg (weight may vary depending on actual configuration)
- Intuitive design for easy operation

GD3070 Product Specifications



Temperature

- Operating: -20°C (-4°F) to 60°C (140°F) with HDD heater
- Non-operating: -55°C (-67°F) to 75°C (167°F)

Humidity

- According to IEC 68-2-30 / MIL-STD-810G, Method 507
- 5% to 95% RH, non-condensing

Altitude

- According to IEC 68-2-13/ MIL-STD-810G, Method 500.4
- Operating: 15,000ft
- Non-operating: 40,000ft
- Altitude change rate: 2,000ft/min

Shock

- According to IEC 68-2-27/ MIL-STD-810G, Method 516.5

Drop

- According to IEC 68-2-32 / MIL-STD-810G Method 516.5

Vibration

- According to IEC 68-2-6 / MIL-STD-810G Method 514.5
- ASTM 4169-99 Truck Assurance Level II, Schedule E

ESD

- According to IEC1000-4-2

Enclosure

- IP65; Rain: MIL-STD 810F, 506.4 II
- 4" per hour, 40psi for 10 minutes on all axes

Regulation

- CE, EMI/Safety CSA

Others

- Thermal shock
- LCD stress test
- Bench handling

OS

- Windows® 7 Professional

CPU

- Intel® Atom Processor Z530P (1.6GHz, FSB 533MHz)

Memory

- 2GB DDRII RAM

LED

- (4) color LEDs for notification, power / charge indicator, hard disk activity, wireless

Display

- LCD Display 7" WSVGA (1024x 600 resolution) TFT LCD with touchscreen panel
- LED backlighting, optional sunlight-viewable function
- Build-in ambient light sensor to adjust LCD brightness

Storage

- HDD 1.8" SATA 120G HDD with G sensor to support "park" function during drop
- Optional SATA SSD (32G, 64G)

Keyboard

- Full backlit numeric keypad, programmable keys
- Enter, up/down/left/right navigation, escape
- Security, rotate display, function key, suspend/ power

Data Capture

- 1D/2D barcode scanner (optional)

Camera

- Integrated 2.0 MP camera at the back of unit

GPS

- Global Positioning System (GPS) receiver factory option

Communication Interface

- Integrated 10/100 ethernet network (RJ45)
- Intel® WiFi [802.11a/b/g/N (1x2)] (option)
- Bluetooth® v2.1 + EDR (Option)

Audio

- Intel® High Definition Audio
- (1) 1.5W speaker
- Mic. array

Power Options

- AC adapter output: 19V, 3.42A; 65W Input: 100V-240V, 50Hz-60Hz
- Twin hot-swappable lithium polymer battery packs (7.4V, 2580mAh; 19Wh each)
- MobileMark® 2005 productivity workload battery life: 6hrs
- Remove battery without using a tool

I/O Port Options

- Expansion slot: one ExpressCard™ 34/54 slot
- (1) SD card slot
- I/O ports, (2) audio jacks for microphone and headphone
- (2) USB Ports
- (1) RJ-45 port
- (1) DC-In jack
- (1) docking connector located at the bottom

Dimension & Weight

- 225 x 145 x 39.8 mm (exclusive of bumpers)
- 1.3 kg (weight may vary depending on actual configuration)

GENERAL DYNAMICS

Itronix

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