

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 (1.1 kg) GD3070 features a daylight viewable screen and hot swappable dual battery packs that can deliver up to 8 hours of operation in the field.

GD3070 Rugged Tablet

Ergonomic Design with Extended Battery Life

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 readable solution incorporates polarized LCD glass, anti-reflection technology, as well as enhanced brightness LED backlight to achieve superior sunlight readability.
- Intel® Z530P (1.6GHz, FSB 533MHz)
- Advanced resistive touch technology
- Up to 2G DDRII Memory

Service & Support

Trusted Service & Support

- Standard 3 yr limited warranty
- Expanded service options available

Wireless

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
- Optional GPS, WWAN, Barcode Scanner and RFID Reader
- Various combinations available depending on specific requirements

Ergonomic

Designed for Rugged Mobility

- One handed operation
- 1.1 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)
- 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

- FCC, 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

- DDRII SO-DIMM Socket for 1GB/2GB RAM

LED

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

Display

- LCD Display 7" WSVA (1024x600 resolution) TFT LCD with touch screen panel,
- LED backlighting, Optional Sunlight readable 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 (4G/8G/16G/32G)

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 Bar code scanner (optional)
- Magnetic Stripe Reader (MSR) (optional)

Camera

- Integrated 2.0 Mega Pixel 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)]
- Bluetooth v2.1 + EDR (Factory 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)
- Mobile Mark 2005 productivity workload battery life: 6hrs
- Remove battery without using a tool

I/O Port Options

- Expansion slot: One Express Card 34/54 slot
- (1) SD card slot
- I/O Ports (2) Audio jacks for Mic. 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)
- 1.1 kg (weight may vary depending on actual configuration)

GENERAL DYNAMICS

Itronix

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-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

© 2011 General Dynamics. All rights reserved. General Dynamics Itronix Corporation reserves the right to make changes in its products and specifications at anytime and without notice. All trademarks indicated as such herein are trademarks of General Dynamics Itronix. All other product and service names are the property of their respective owners.