

# GD3080



## GD3080

The GD3080 delivers tablet-sized computing that is rugged enough to withstand the most challenging work environments; keeping mobile workers wirelessly connected and on-the-go regardless of sand, water, humidity, vibration and extreme temperatures.

Even more reliable and durable than the Duo-Touch II, the GD3080 meets a number of environmental tests including MIL-STD-810G and IP54. Its 8.4" display uses DynaVue™ technology that optimizes viewability, even in bright sunlight. After experiencing punishing drops, spills and environmental extremes, the lightweight, ergonomically-designed GD3080 keeps working without missing a beat.

**GDAssure**, the General Dynamics Itronix service program, offers full life cycle service offerings that ensure a first class pre-deployment, installation and post-deployment experience for our customers. All support services can be customized to meet specific requirements.

### Highly Reliable

#### Providing for Computing - Anywhere, Anytime

- Meets or exceeds MIL-STD-810G
- ASTM 4169-99 truck assurance Level II, Schedule B
- Durable POGO pin dock connector
- Sealed against water and dust intrusion (IP54)
- Hazardous Location (HazLoc) Certification (UL1604)
- Magnesium alloy casing and impact absorbing exoskeleton

### Innovative

#### For Today and for the Future

- 8.4" XGA display (1024x768 resolution) with General Dynamics Itronix DynaVue™ for outdoor viewability (sunlight and low lighting conditions)
- Intel® Core™ Duo Processor U2500 at 1.2 GHz
- Dual-mode active and passive touch screen
- 2GB DDRII SRAM 800MHz
- Optional integrated fingerprint scanner

## *Small, Lightweight, Fully-Rugged Tablet PC*

### Wireless

#### Upgradable, Modular Design for Unparalleled Performance and Flexibility

- PC Card slot for radio card support
- 802.11 a/b/g/n WLAN
- Bluetooth® v2.1+EDR, class 1
- Up to 3 RF modems and GPS at the same time
- Various combinations available depending on specific requirements

### Ergonomic

#### Designed for Rugged Mobility

- One-handed operation
- Under 1.8 kg (4.0 lbs)  
(with external battery, excludes radio hatch)
- Intuitive design for easy operation

### Services

#### We Know the Road

- Standard 3 year limited warranty
- Expanded service options available

**GENERAL DYNAMICS**  
Itronix

## GD3080 Product Specifications



### Durability Features:

- Meets or exceeds MIL-STD 810G
- Operating temperature -20° to 60° C (-4° to 140° F)
- Storage temperature -55° to 75° C (-67° to 167° F)
- Boot Temperature -20° C with Hard Drive Heater
- Sealed against water and dust intrusion (IP54)
- Optional compliance with UL 1604 Class I, Division 2, Group A, B, C and D for hazardous locations
- ASTM 4169-99 truck assurance Level II, Schedule B
- Pogo pin docking connector
- Magnesium alloy casing and impact absorbing exoskeleton
- CE Mark

### Operating System:

- Microsoft® Windows® 7 Professional (32-bit)
- Microsoft® Windows® XP and options (via custom image)

### Processor/Memory:

- Intel® Core Duo™ Processor U2500 at 1.2 GHz, 2MB L2 Cache
- 2GB DDRII SDRAM 800 MHz

### Display:

- 8.4" XGA (1024x768) LED-backlit display with DynaVue™ technology for optimum outdoor visibility
- DynaVue™ exceeds the minimum contrast ratio specified in MIL-STD-3009

### Compact Size:

- Length: 10.6" (270 mm), Width: 7.2" (184 mm), Depth: 1.65" (42 mm)

### Weight:

- 4.0 lbs (1.8 KG)

### Storage:

- Up to 256GB SSD
- Up to 500GB shock-mounted HDD with heater

### Power:

- EnergyStar 5.0, EPEAT Silver
- Smart 3900 mAh (43.0WH) Lithium-Ion main battery pack
- 3900 mAh (43.0WH) Lithium-Ion expansion battery pack option

### Pointing Device:

- Digitizer control panel touchscreen and passive touchscreen standard

### Interfaces:

- (1) PC Card slot with 32 bit Card Bus 2.1 Interface
- (1) Compact Flash slot for Type I or II card
- Built-in RJ-11 and RJ-45 jacks for integrated fax/modem and Ethernet
- (2) USB 2.0 connectors
- POGO pin docking connector
- Connector for expansion battery
- External speaker and microphone jacks

### Integrated Wireline Communications:

- 56 Kbps V.92 fax/modem
- 10/100/1000 Mbit Base-T Ethernet LAN

### Optional Integrated Wireless Communications:

- 802.11 a/b/g/n WLAN
- Bluetooth® v2.1+EDR, class 1
- GPS
- Sealed, rugged PC Card slot cover for radio card support
- Up to 3 RF modems and GPS can be integrated at one time

### Audio:

- Intel High Definition Audio Specification
- Microsoft® Universal Audio Architecture (UAA) certified
- (2) 3.5mm jacks for stereo headphones and stereo microphone
- Microsoft® Windows® built-in (standard) voice recognition application.

### Hot Keys:

- Enter
- Up/Down Arrows
- Escape
- Function Key
- Security (Secure Attention Sequence)
- Rotate Display Image (landscape/portrait)
- Suspend/Power on/off
- On/Off switch for WLAN/Bluetooth/GPS

### Options:

- Office dock with 15-pin external video (CRT) port, (2) USB ports, RJ45 port and expansion battery charger
- 12/24VDC vehicle power supply
- Backlit keyboard
- Fingerprint Scanner
- Hand strap
- Carry cases for system and accessories with handle and optional shoulder straps
- Backlit keyboard

### Warranty

- 3 year warranty
- Extended service and maintenance options available

**GENERAL DYNAMICS**  
Itronix

**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-itrionix.com • www.gd-itrionix.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-itrionix.eu • www.gd-itrionix.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-itrionix.com.tw

© 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. © Reg. U.S. Pat. and Tm. Off.