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TECHNOLOGY GROUP

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Full-service, independent repair center
with experienced engineers and technicians on staff.

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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.

GD3080

Small, Lightweight, Fully-Rugged Tablet PC

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

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 viewability
- 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 keybaord
- 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

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