

GD300



The General Dynamics Itronix GD300 combines commercial global positioning and communications technology with battlefield-rugged computing. The fully rugged, arm- or chest-worn computer weighs less than 8 ounces and operates like an ultra-sensitive commercial GPS unit or, with the click of a cable, interfaces with tactical radios for secure access to the tactical network.

Hosting the open architecture, Android™-based operating system, the GD300 easily accommodates current and emerging applications for warfighters at all command levels.

- Lightweight, wearable computer providing real-time situation awareness
- Ultrasensitive GPS for signal acquisition where you need it most
- Fully ruggedized for the harshest environments
- Compatible with tactical and commercial radios via a simple cable connection

GD300

Rugged Wearable Computer

Wearable, Mobile Computing Platform

- Utilizes power efficient ARM® processing architecture
- Lightweight, fully rugged design

Ultrasensitive GPS

- Fully integrated GPS design
- High gain antenna architecture to ensure GPS signal when you need it most

Flexible Software

- Utilizes Android™ open operating system
- Custom software packages available

Easy-to-Use

- Intuitive design for easy operation
- Outdoor-viewable, glove-friendly touchscreen display

Expandable

- Radio Interface Kit (RIK) provides flexible connectivity to military or commercial radios
- USB 2.0 and microSD card slot
- Custom docking solutions available

Fully Rugged Design

- MIL-STD 810G tested:
 - Impact
 - Dust ingress
 - Rain/water ingress
 - Vibration and shock
 - Extreme temperature exposure
 - Humidity

GENERAL DYNAMICS
Itronix



The General Dynamics Itronix rugged, wearable GD300 computer provides state-of-the-art ARM® Cortex™-A8 processing power to optimize battery life and performance in an ultra-thin, lightweight casing for real-time situational awareness. With dismounted usage in mind, it is designed to operate for more than 8 hours providing the soldier access to real-time information anytime, anywhere.

GD300 Product Specifications

Size

- 5.9" (L) x 2.6" (W) x 0.8" (H)

Weight

- 8oz.

Operating System

- Android™ operating system based on Linux kernel

Processor

- 600MHz ARM® Cortex™ A8 processor

Storage and Memory

- 256MB DDR memory
- 8GB on-board Flash + microSD card expansion

Full Color Display

- 3.5" 800 x 480 WVGA sunlight readable display
- Glove-friendly touch screen

GPS

- Fully integrated high sensitivity SIRF Star III GPS
- High gain quadrafilar-helix antenna
- Auto load moving map with pan/zoom

Battery Life/Power Management

- More than 8 hours of battery run time
- 1550 mAH single cell Lithium Ion
- Hibernation and standby modes

Environmentals

- MIL-STD 810G
- IP54

Expansion

- Mini-USB 2.0
- Flexible expansion docking connector

Wrist Mount Radio Interface Kit (RIK)

- Four programmable radio control buttons
- Radio interface cabling system

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-itronix.com • www.gd-itronix.com
EMEA Head Office: Earlsplace Business Park • Coventry • CV4 9UR • 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 7667 1509 • Fax: +44(0)24 7667 1580 • Email: sales@gd-itronix.eu • www.gd-itronix.eu

France: Tel: +33(0)1 53 53 69 888 • Fax: +44(0) 24 7671 5677 • Email: sales@gd-itronix.eu • www.gd-itronix.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-itronix.com.tw

© 2010 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.