

New General Dynamics Itronix GD8000 Notebook takes “Rugged” to the Next Level

Ready-for-anything, GD8000 computer boots cold, runs fast and hits the dirt without losing performance or data

SPOKANE VALLEY, Wash.—The new GD8000 notebook computer by General Dynamics Itronix is now available for military personnel, field service workers and first responders who require high-performance computing while working in extreme temperatures, humidity, dust and rain-soaked environments.

“Our customers told us that to perform their mission-critical duties, they needed a notebook that was more rugged, had longer battery run-time and was equipped with a display they could see in all lighting conditions. We responded by producing the GD8000, a unit with the industry’s best drop protection, rain resistance, battery run-time and display viewability,” said John Schneider, business unit director for General Dynamics Itronix.

Engineered to operate in extreme conditions, the GD8000 kept working after multiple 42-inch drops onto a hard surface, operated in the rain for more than four hours and successfully booted-up in freezing and scorching temperatures. Powered by the Intel® low-voltage Core2Duo processing architecture, the GD8000 is housed in a user-friendly, ergonomic casing with a 13.3-inch DynaVue® touchscreen display. The GD8000 delivers uncompromising performance from command centers, to helicopters, to tactical vehicles and everywhere in between.

GD8000 specifications overview

- * Magnesium chassis and impact absorbing polycarbonate casing
- * Hazardous Location Class 1 Division 2 (UL 1604)
- * Operating temperature from -22°F to 140°F

Meets MIL-STD 810F including:

- * Drop test from 42 inches onto plywood over concrete; 26 drops/1 unit
- * Watertight—30 gallons of water blown at 40 mph over 4 hours while the unit is operating

GD8000 Features

- * 13.3” DynaVue touchscreen display for outdoor/direct sunlight viewability
- * Intel® Core™ 2 Duo SL9400 processor, 120 GB hard-drive, 4 GB memory (DDR III)
- * Intel® Graphics Media Accelerator 4500MHD
- * EnergyStar® and EPEAT™ certified
- * Ergonomic design, weighs 7.9 pounds fully-equipped
- * Optional backlit keyboard
- * Integrated Gobi 2000 WWAN ready
- * 10-hour battery life
- * Integrated GPS and wireless connectivity with Wi-Fi (WLAN), optional high-powered WLAN and Bluetooth
- * Fingerprint reader, Smartcard
- * Trusted Platform Module (TPM) 1.2 and optional embedded Computrace® software
- * EnergyStar® and EPEAT™ certified

General Dynamics Itronix is a leading developer of wireless, rugged computing solutions for mobile workers, offering a full range of field computing systems including laptops, ultra mobile notebook PCs and tablet PCs. The company is part of General Dynamics C4 Systems, a business unit of General Dynamics (NYSE: GD). Additional information is available at www.gd-itronix.com. [Click here](#) for downloadable images of the GD8000.

General Dynamics, headquartered in Falls Church, Va., employs approximately 92,300 people worldwide. The company is a market leader in business aviation; land and expeditionary combat systems, armaments and munitions; shipbuilding and marine systems; and information systems and technologies. More information about General Dynamics is available online at www.gd.com.

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