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- Daily industry news
- Information and reviews on
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RuggedPCReview.com provides pertinent industry information compiled by the editors of *Pen Computing Magazine*. No fluff, just the facts and details on hundreds of rugged, industrial computers and handhelds, and the peripherals and enabling technologies they use. Full reviews of all major products, and overviews/specs of everything else. RuggedPCReview.com also explains rugged computing terminology and standards, and highlights the major players in the industry. As a result all site visitors are potential customers. And our stellar Google and Bing search rankings mean customers always quickly find your products.

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**Vehicle-Rugged GD6000 Hits the Ground Running**

**GD 6000** GENERAL DYNAMICS

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October 08, 2009 08:36:48 AM PST

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**General Dynamics Itronix GD8000**

Combining high performance, extra-long battery life and a superb all-light viewable display in a polished and very rugged notebook computer

On March 16, 2009, General Dynamics Itronix released the GD8000, a fully rugged notebook computer and successor to the company's XR-1 model. Goals for the new machine were maximum reliability under even the most extreme operating conditions and state-of-the-art electronics with increased emphasis on long battery life in the field. Based on the critically acclaimed XR-1 platform, the GD8000 is an evolutionary second-generation product that preserves the many qualities of its predecessor, but offers a larger display and significantly longer battery life thanks to a powerful but very frugal ultra-voltage 1.86GHz Intel Core 2 Duo processor. This machine is what General Dynamics Itronix terms "Fully-Rugged," essentially taking ruggedness to the next level. The GD8000 is intended for any application that requires strong processing and wireless performance and maximum battery life in a machine that is rugged enough for any job.

Featuring elegant high-tech design, the GD8000 is the second General Dynamics Itronix machine to leave the venerable "cubook" moniker behind, together with the smallest 12.1-inch display of the XR-1 that's been replaced with a larger 13.3-inch touchscreen. What hasn't changed is the platform's superb outdoor viewability, thanks to the patent-pending DynaView technology that greatly adds to the utility of this machine under any lighting conditions.

The GD8000, which measures 11.8 x 9.65 x 2 inches and weighs about eight pounds, also perpetuates another General Dynamics Itronix tradition, that of facilitating excellent wireless performance via integrated antenna systems for fast and accurate fixes, advanced RF shielding and noise filtering, and specially designed "CRMA" wireless modules. The GD8000 also offers good onboard connectivity and expansion potential via externally accessible card slots and a flexible-use media bay.

Existing XR-1 customers will appreciate the new GD8000's compatibility with what appears to be all XR-Series docks and peripherals, and the significantly longer battery life

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October 08, 2009 08:38:15 AM PST

**Winmate G-WIN Rugged PPC**

Ruggedized Panel PC in numerous configurations

Winmate is a Taiwanese company founded in 1994. Specializing in industrial display technologies and solutions, Winmate also branched out into Tablet PCs, digital signage, marine grade displays and computers and, most recently, rugged Mobile PCs, panels, embedded automation controllers, and Panel PCs as the G-WIN Ruggedized Panel PC shown here.

Specifications	Added 10/2008
Form-factor	Rugged Panel PC
OS	Windows XP, XP Embedded, Windows CE 5.0, Linux 2.6.x
Processor	Intel Celeron M, Intel Core Duo, AMD Geode LX-800
CPU Speed	1,011.061.20Hz (AMD chip-500MHz)
Chipset	Intel 945GME/ICH7M or Intel 855GME/ICH4 (AMD: C5255B)
Standard/Max RAM	up to 2GB DDR2 667 800MM
Disk/Drive	4GB CF Flash
Card slots	1 mini PCI, 1 CF
Display type	TFT; optional anti-reflective protective glass and sunlight readable display, 300-350 nits
Display size/res	8.4 or 10.4-inch VGA (840 x 480), SVGA (800 x 600) or XGA (1024 x 768) pixel
Digitizer/pens	5-wire resistive touch screen (IR touch optional in some units)
Keyboard/scale	Optional external USB keyboard
Operating temperature	14 to 131 degrees Fahrenheit (optional: -4 to 149F)
Sealing	IP65 (except I/O panel)
Vibration	1.60/1.96/2.18 g rms for XYZ / 5-500Hz
Drop	Operating 30g for 18ms, 300ms/2
Humidity	10-95% non-condensing
Housing	Aluminum with anti-corrosive treatment
Size (WxHxD)	10.9 x 8.65 x 2.35
Weight	NA
	12V DC with lockable.

The G-WIN is a compact rugged vehicle or stationary-mount panel PC state available in a wide variety of configurations. Depending on

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October 08, 2009 08:39:06 AM PST

**Rugged computing industry leaders**

**DATALOGIC**

Full PDFs of reviews: R-Series - Mentor

Datalogic was founded in 1972 and had its origin in the optical sensor business, serving the Automation Industry. Towards the end of the 70s it moved into the field of bar code technology and very soon became the European leader in industrial applications.

Today, Datalogic is a world-class producer of bar code readers, data collection mobile computers, RFID systems and photoelectric devices for detection with corporate headquarters in Bologna, Italy. The company has over 2,000 employees in 30 countries, over 1,000 partners worldwide, eight research and development labs with 300 engineers, and offers outstanding solutions for many industrial sectors, from manufacturing to transportation & logistics and retail.

Datalogic's mobile computers include pocket-sized to full-alpha-keyboard hand-held devices, industrial PDAs, pistol-grip terminals, vehicle mounted computers and a very complete choice of middleware solutions that guarantee our partners and endusers the highest level of compatibility and openness to industry standards.

With a strong presence in the Americas, EMEA region and Asia/Pacific, and a powerful network of partners all over the world, Datalogic Mobile has an impressive track record of growth and a firm position among the worldwide market leaders on the rugged mobile industry.

**Handheld computers**

Datalogic offers a number of state-of-the-art handheld computers, ranging from the small, slender (but very rugged) **Memor** with its speedy 624MHz Marvell PXA310 processor and Quad Band

**Datalogic News**

**Datalogic to open new facilities in Vietnam**  
Following Europe and the United States of America, the globalization of Datalogic continues in Asia. The Italian company which is a leading producer of barcode readers, data collection mobile computers, RFID systems, photoelectric sensors for the industrial automation sector and cutting edge solutions, will inaugurate its new facilities in Vietnam, located in the Saigon High Tech Park on July 10th 2009. - Posted Thursday, July 2, 2009 by us

**New winning features for the Datalogic Skopio™ and Skopio-GUN™**  
Datalogic Skopio™ and Skopio-GUN™ now have the option of a Windows Mobile 6.1 Operating System, alongside the current Windows CE 5.0 versions. Windows Mobile 6.1 ensures that the new Datalogic Skopio™ and Skopio-GUN™ benefit from the latest and most advanced Windows features. Mobile tools including Outlook, Word, Excel, PowerPoint, and Internet Explorer, as well as enhanced security through provisioning and trust levels, help to meet the needs of both retail store managers and retail store staff. Providing a device that supports all the different everyday activities, typical of the retail environment. [See press release] - Posted Monday, June 28, 2009 by us

**Datalogic releases upgraded Memor handheld**  
Datalogic Mobile announced that its powerful pocket sized mobile solution, the Datalogic Memor, which fits into any pocket and weighs just eight ounces, has undergone a major upgrade. The Memor is now powered by a 624MHz Marvell PXA310 processor, can run Windows Mobile 6.1, and read GS1 Database. [See description and specs of the new Datalogic Memor] - Posted Tuesday, June 9, 2009 by us

**Datalogic Mobile partners with Summit for enterprise-class WEP**  
Datalogic Mobile announced a strategic alliance with Summit Data Communications, a provider of wireless LAN and mobile network and mobile data

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5 "Print-style" PDFs of your reviews

**Datalogic MEMOR**

Special Preview

Special Preview

Special Preview

Special Preview

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