

RuggedPCReview.com

If it's rugged, we review it and write about it

August 2008

In This Issue

Xplore iX104C4
 Motion F5
 Juniper Allegro MX
 RAM Tough-Box
 2T Hydrus
 Speech tablet

At RuggedPCReview:

RuggedPCReview
 Rugged Notebooks
 Rugged Slates
[Rugged Panels](#)
[Rugged Handhelds](#)
[Ruggedness definitions](#)
[Advertising & Sponsorships](#)

Editor's Blog:

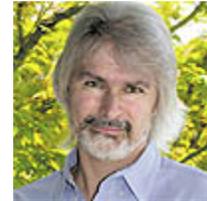
[Tablet PC: We could use a hammer...](#)
[XP Embedded: When benchmarks lie](#)
[Electrovaya settles patent infringement suit](#)
[A video says more than a thousand pictures](#)
[Shrinking military spending an opportunity for mobile vendors?](#)
[Keeping track of who makes \(and sells\) what](#)
[Where will the Intel Atom fit in?](#)
[Geode, VIA and Intel A100](#)
[Is Panasonic keeping up?](#)
[Tests: how much punishment?](#)
[Archer review field notes](#)

Recent additions

[Aceeca MEZ1500](#)
[2T JETT.ey](#)
[Electrovaya SC-4000](#)
[Secure RPS Orion](#)
[Fujitsu LifeBook T5010](#)
[RMT Duros](#)
[Advantech MARS-1031](#)
[Panasonic CF-U1](#)
[Datalogic Kyman](#)

Greetings!

When the editors of Pen Computing Magazine started RuggedPCReview.com back in 2005, we aimed to be "an industry clearinghouse for rugged computing equipment hardware reviews as well as an information source on rugged computing terminology, definitions, testing, and enabling technologies." Today, thanks to the support of a growing number of industry sponsors, we're making available to potential customers descriptions, specs and detailed reviews of almost 400 rugged handhelds, PDAs, notebooks, Tablet PCs, slates, vehicle mounts, and panels.



In this issue we're welcoming [Xplore Technologies](#) as a new premier sponsor, joining [Advantech](#), [DT Research](#), [General Dynamics Itronix](#), [Getac](#), [Juniper Systems](#), [MobileDemand](#), [RAM Mounts](#), and [RMT](#). These are some of the movers and shakers in the rugged industry.

Xplore launches top-of-the-line ultra-rugged iX104C4 tablet



Xplore Technologies introduced the latest addition to the iX104 line of ultra-rugged tablet computers, the iX104C4. The new machine provides improved performance with a power-efficient Core Duo processor, new wireless technologies (including 802.11N), as well as enhancements to several

technologies pioneered by Xplore. The company's AllVue sunlight-viewable display is now even brighter, the dual-mode RF/touch digitizer is standard on all models, and the machine can be ordered with an optional 32GB Solid State Drive. A TPM 1.2 module has been added for security, completing a smart technology update to what already was one of the best rugged Tablet PCs on the market. [[Read our initial assessment of the Xplore iX104C4](#)]

[Averatec Voya 6400](#)
[DT Research WebDT 520](#)
[Honeywell Dolphin 9900](#)
[LXE VX3XPlus](#)
[Advantech MARS-3100S](#)
[Motorola MC75](#)
[Handheld US M3 Mobile](#)
[NEXCOM 2100 Series](#)
[GETAC B300](#)
[GETAC P470](#)
[GD Sectera Edge](#)

Our Proud Sponsors

[Advantech](#)
[DT Research](#)
[General Dynamics Itronix](#)
[GETAC](#)
[Juniper Systems](#)
[MobileDemand](#)
[RAM Mounts](#)
[RMT](#)

We reviewed the Motion Computing F5 "Field Tool"

After Motion Computing, ever the pioneer in innovative tablet computers, introduced the Motion C5 Mobile Clinical Assistant in February of 2007, the response was overwhelmingly positive. The concept and execution of the lightweight tablet turned out to be so successful that the company decided to follow up with the Motion F5 "Field Tool" for mobile field workers. What's different about the F5, and how well does the handy tablet -- which includes a camera, scanner and optional RFID reader -- work in the field? [[Read review of the Motion Computing F5](#)]



Juniper Systems' ultra-rugged PDA gets major upgrade



Juniper Systems, Inc., a provider of innovative field computer solutions for rugged applications, announced the new Allegro MX Field PC. Based on the company's Allegro CX but including many technology

updates, the ultra-rugged Allegro features Windows Mobile 6.1, IP67 rating, a robust full keyboard, integrated Bluetooth and a Wi-Fi 802.11b/g option, long-term battery life, host and client USB, and large and highly outdoor-visible displays. The Allegro MX runs Microsoft® Windows Mobile® version 6.1 and is powered by the 624MHz version of the Marvell PXA270 processor. Durable in extreme environments, the Allegro is a premier choice for those who need a rugged field computer with a full keyboard. [[Read a description of Juniper's ultra-rugged PDA.](#)]

RAM Mounts announces Tough-Box consoles for vehicle installations



There are many solutions when it comes to mounting and securing computers in a vehicle, but it is almost impossible to find versatile, high quality vehicle consoles that easily integrate with computer mounts. [National Products/RAM-Mounts](#) has been working on an evolution of common police vehicle console products and has taken a huge leap forward with a line of Tough-Box™ consoles that are fully compatible with the industry-leading RAM one-inch and half-inch pedestal systems, as well as with AMPS and VESA hole patterns, ensuring endless mounting possibilities and the ultimate in versatility. [[Read about RAM Tough-Box consoles](#)]

2T Hydrus: ultra-rugged, totally waterproof rugged handheld with 5mp camera

Two Technologies of Horsham, PA, has been designing and manufacturing customizable, rugged handheld computer and terminal products for industrial and commercial applications for over 20 years. They just introduced the Hydrus, a PXA270/Windows CE 5.0 powered ultra-rugged handheld computer with stunning battery life in the 40-hour range. The 2.4 pound Hydrus carries IP68 sealing, which means it is totally waterproof. It can also handle extreme temperatures, and includes a 5-megapixel CMOS imager for pictures and barcode reading. The 55-key keypad is customizable and there is between 2GB and 32GB of Flash. [[Read description and specs of the Two Technologies Hydrus](#)]



Interesting rugged device: Speech-to-speech tablet for military applications



[tablet](#)

Now for something different: Rugged Portable Systems, a division of Santa Ana, Calif.-based [Secure Communication Systems](#), offers the Lynx ruggedized mobile speech-to-speech translation system for military and other applications. The 4-pound package includes special array microphone and speaker for real-time two-way speech translation over a distance up to 12 feet using Two Way Speech-to-Speech software such as SRI International's IraqComm, BBN's TransTalk, IBM's STST, and others. [[Read description and specs of the Secure Comm Lynx rugged speech translator](#)

Have you checked out the new cuil.com search engine? It was designed by former Google engineers. Type the search term "rugged PC" into cuil.com and RuggedPCReview occupies 10 of 11 spots on Page 1! We're already #1 and #2 in Google for "rugged PC," which means excellent visibility (and potential sales!) for any product featured on RuggedPCReview.com.



Stop by at RuggedPCReview.com and get the latest news on rugged and mobile technology. If you're a vendor, consider becoming a sponsor of RuggedPCReview.com. View the [RuggedPCReview Media Kit](#), see [what our sponsors get](#), or email me with news, commentary, sponsorship/advertising questions or if you want for us to review your rugged computing product.

Sincerely,

Conrad

Conrad Blickenstorfer, Ph.D.
Editor-in-Chief
RuggedPCReview.com

[Forward email](#)

✉ [SafeUnsubscribe](#)®

This email was sent to cb@scubadiverinfo.com by cb@pencomputing.com.
[Update Profile/Email Address](#) | Instant removal with [SafeUnsubscribe](#)™ | [Privacy Policy](#).

Email Marketing by



RuggedPCReview | ruggedpcreview.com | Folsom | CA | 95630