Welcome to the InfoBlast Newsletter where you will receive valuable content such as Windows Embedded product information, event listings, and the latest news from our Windows Embedded Partners.

Top Stories

**Intelligent Systems in Motion at IDC’s SMART TECHnology World**

At IDC’s annual SMART TECHnology World conference, Windows Embedded General Manager Kevin Dallas provided a state of the union for enterprise IT and the impact of intelligent systems. Since last year’s inaugural event, Dallas said Microsoft has developed and launched its road map for the space, partnered with companies such as Intel and industry analysts IDC, and laid out a cohesive strategy for the industry. It has been the sole focus of the Windows Embedded team over the past year, a level of commitment that he said reflects the importance of this emerging market. "Through intelligent systems, we have an opportunity to consume and drive new value from machine-generated data," Dallas said. "In today’s marketplace, the ability to efficiently gather and intelligently analyze data will be the single make-or-break element within every company’s IT infrastructure.” Read more on what Kevin had to say and watch a video of his speech [here](#).

**Intelligent Systems in Retail on Display at RetailTech Japan**

At RetailTech Japan, Japan’s biggest retail trade show, thousands of visitors converged to view the latest technology solutions for the retail industry, including intelligent systems offered by Microsoft and a range of partners. As retailers seek to provide more personalized service to customers and realize greater value from their businesses, intelligent systems offer a way to gather real-time customer data and transform it into insight and action. The RetailTech Japan exhibit floor was focused on devices, with touch screens, tablets, scanners and point-of-sale kiosks placing product and purchase information in the hands of consumers and sales staff, while partners demonstrated a range of solutions built on Windows Embedded and other Microsoft technologies, all designed to help retailers respond to changes in the market and create a distinctive, personalized shopping experience for their customers.

**Windows Embedded Standard 8 Community Technology Preview Now Available**

On March 6th, the Microsoft Windows Embedded team announced the Community Technology Preview (CTP) release of Windows Embedded Standard 8. Information about this announcement can be reviewed, [here](#). You can also obtain more details about this release and how to get registered to download and evaluate the product, [here](#). Please participate and help us make the next release of Windows Embedded Standard 8 successful by providing us your feedback. In addition, you can share additional input through the Windows Embedded Standard 8 community forum. Thank you!

**Windows Embedded Compact January 2012 Update Rollups:**

- Windows Embedded Compact 7 Monthly Update Rollup (March 2012)
- Windows Embedded CE 6.0 Monthly Update Rollup (March 2012)

**Events**

**Improving the Quality of Patient Care with Windows Embedded and Cloud Client Computing**

Cloud computing is ushering in a new era of rapid application and content access at the point of care within healthcare facilities around the world. Learn how Windows Embedded technology and Wyse cloud client computing are enabling clinicians, nurses,
and physicians to deliver improved patient care while helping to protect patient information and reduce operational costs. The webinar is scheduled for 25 April 2012 and the speaker will be Dan O’Farrell, Sr. Director of Product Marketing at Wyse Technology.

### Look for Windows Embedded at These Industry Events

<table>
<thead>
<tr>
<th>Event Name</th>
<th>Event Location</th>
<th>Event Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connecting Healthcare IT</td>
<td>Berlin, Germany</td>
<td>24-26 April 2012</td>
</tr>
<tr>
<td>SPS/IPC/Drives Italy</td>
<td>Parma, Italy</td>
<td>22-24 May 2012</td>
</tr>
<tr>
<td>Computex Taipei</td>
<td>Taipei, Taiwan</td>
<td>5-9 June 2012</td>
</tr>
<tr>
<td>TechEd North America</td>
<td>Orlando, Florida</td>
<td>11-14 June 2012</td>
</tr>
</tbody>
</table>

### Windows Embedded Training Partner Offerings

**Training for Windows Embedded Standard**
- United States – 18-20 April 2012 – Annabooks (SJJ Micro)
- Italy – 18-20 April 2012 – Adeneo Embedded with Arrow
- Italy – 9-11 May 2012 – Annabooks (SJJ Micro)
- Germany – 4-6 May 2012 – Hilf!GmbH
- Germany – 14-16 May 2012 – Hilf!GmbH
- United States – 22-24 May 2012 – Bsquare
- France – 6-8 June 2012 – Adeneo Embedded with Arrow
- Germany – 6-8 June 2012 – Wechsler Consulting

**Training for Windows Embedded Compact**
- Germany – 23-26 April 2012 – Hilf!GmbH
- Germany – 7-11 May 2012 – Hilf!GmbH
- United States – 7-11 May 2012 – Bsquare
- Germany – 11-15 June 2012 – Hilf!GmbH
- United States – 4-8 June 2012 – Bsquare
- Germany – 13-14 June 2012 – Wechsler Consulting
- France – 12-15 June 2012 – Adeneo Embedded with Arrow
- Italy – 12-15 June 2012 – Adeneo Embedded with Arrow
- Italy – 26-29 June 2012 – Adeneo Embedded with Arrow

**Self-Paced/Recorded Training**
- Windows Embedded/Silverlight Webinar from Adeneo Embedded
- Windows Embedded CE 6.0 Training from Adeneo Embedded

### Windows Embedded Partner News

**e-con Systems Launches Capella, the World’s First Embedded Stereo Vision Camera**

*Reference Design*
- e-con Systems Inc., a leading embedded design services company specializing in development of advanced camera solutions announces the world’s first Stereo Vision camera reference design based on Texas Instruments’ OMAP/DM37x family of processors and Gumstix Overo computer-on-module (COM) series. The Stereo Camera reference design, code-named Capella, includes a DM3730-based Gumstix Overo WaterStorm COM, a Gumstix Tobi expansion board and e-con’s camera daughter board e-CAM_9V024_STEREO. The Capella reference design comes with a Software Development Kit with full source code for application development on top of V4L2 or OpenCV, enabling customers to develop their own Stereo Vision Camera based applications.

**e-con Systems Licenses Camera Driver to MilDef CReTE Inc., a leading Rugged Handheld Supplier**
- e-con Systems Inc. licensed its Windows Embedded CE 6.0 camera driver source code to MilDef CReTE Inc. Taiwan a leading manufacturer of rugged handheld computing devices. The rugged handheld contains e-con’s camera module featuring Omni Vision’s image sensor and...
e-con systems' Windows Embedded CE 6.0 camera driver. e-con Systems offers a bouquet of services to its customers on camera integration, provides various camera modules ranging from 1.3MP to 5MP, camera module customization, image tuning services, camera device driver development in Windows Embedded CE, specific lens options & customization services.

**Datlight Boosts eMMC Performance on Ruggedized Handhelds**

A manufacturer of handheld mobile computers recently developed an e-MMC-based platform for its next generation ruggedized handhelds. Flexibility makes e-MMC an attractive choice for embedded device makers, but the technology does have some performance limitations for raw throughput when software is not configured properly. The design team responsible for the new platform began experiencing unacceptably slow writes to the media. As they tried different configurations, it became clear that they would have to find a file system that was optimized for eMMC. After evaluating Reliance Nitro and working with Datlight technical support, their performance issues disappeared – problem solved.

**NEC Retail Solution – Rugged Panel Terminal**

NEC's Touch@iGX collects real-time data and makes ordering, forecasting and operational decisions directly from the store floor. Touch@iGX is a rugged Windows Embedded Standard 7-based mobile terminal with a large touch-screen interface that connects to back office systems wirelessly, enabling store management to optimize operational efficiency.

**Real-Time Systems GmbH Promoted to Windows Embedded Gold Partner**

Real-Time Systems GmbH, a vendor of embedded Hypervisor technology for x86, recently announced that they have been awarded with Gold Status in the Microsoft Windows Embedded Partner Program. Their very close cooperation with Microsoft and alignment with Windows Embedded Product Roadmaps combined with Real-Time Systems' membership in the exclusive Intel Embedded Alliance Program on the affiliate level enables the company to provide the best possible products and support to their customers utilizing an embedded Hypervisor in their design.

**Steatite Embedded Introduces the MANO120 Mini-ITX Board**

Steatite Embedded is pleased to introduce the MANO120, a graphics-rich Mini ITX motherboard based on the new AMD G-Series APU dual core T56N with AMD A55E FCH. Integrated with the Radeon HD 6320 graphics controller with DirectX 11 support, the MANO120 offers advanced 3D graphics and dual views. With advanced performance in both computing and graphics, this industrial grade motherboard meets the requirements of system developers in the gaming, digital signage, DVR, and NVR markets.

**Steatite Embedded Launches the eBOX532-100-FL Palm Sized, Low-Power, Embedded Computer**

Steatite Embedded announces the launch of a new fanless, palm-sized, IP40-rated, embedded box computer utilizing the ultra-low power consumption AMD G-Series APU T40R at 1.0GHz and FCH A50M chipset. Integrated with the Radeon HD6320 graphics controller with DirectX 11 support, this compact unit offers excellent 3D graphics. Ideally suited for digital signage applications, in-vehicle PCs, in-flight infotainment systems, entry-level gaming, medical healthcare, and other automation & embedded applications.

**Steatite Embedded Introduces the LP-180 Pico-ITX Board**

Steatite Embedded unveils the new industrial-grade Pico-ITX motherboard (measuring just 10cm x 7.2cm) LP-180, combining the AMD dual-core 1.65GHz 18W TDP T56N Accelerated Processing Unit (APU) and the AMD A55E Fusion Controller Hub (FCH), which is specifically aimed at users who require solutions with high-performance graphics at low energy-consumption levels.
Adeneo Embedded Releases Windows Embedded Compact 7 Reference BSP for Zynq-7000 EPP

The architecture of the BSP is fully compliant with Microsoft Production-Quality OEM Adaptation Layer (PQOAL) specifications to provide clear separations between CPU-dependent and board-dependent features, helping OEMs focus on adapting only the specific portions of code related to their custom design. The BSP also supports features such as symmetric multiprocessing (SMP) and OpenGL ES1.1, enabling OEMs in developing advanced and complex embedded devices.

Adeneo Embedded Releases Support for Texas Instruments’ Latest ARM Cortex-A8-Based Devices

Adeneo Embedded announces the availability of Windows Embedded Compact 7 reference board support packages (BSPs), along with a full suite of support services, including customized support, training and development services, --to assist original equipment manufacturers (OEMs) developing embedded devices, for the AM335x and AM384x Sitara ARM microprocessors (MPUs) and DMB16x DaVinci video processors from Texas Instruments Incorporated (TI).

Adeneo Embedded Testing Services Help Validate and Certify a Medical Handheld

Using Microsoft’s Windows Embedded Compact 7 testing framework allowed our company to plan and execute a complete and focused system test for our customer’s diabetes management handheld in less than 6 months.

Adeneo Embedded at Developer Road Show with Nokia on Windows Phone

Fabien Decret, Adeneo Embedded Mobility Development Manager, will hosting 2 conferences during the Developer Road Show with Nokia on Windows Phone. Fabien will be hosting his next seminar in Marseille on 24 May.

Advantech Platforms with Microsoft Kinect Ready Solution

Advantech announces full range compatibility with Microsoft Kinect on Windows Embedded Standard 7 operating system for its embedded platforms. The Advantech Platforms with Kinect Ready Solution includes industrial grade platforms, offering a wide range form factors from single board computers to ruggedized systems suitable for all kinds of application uses, componentized Windows 7 with EEF (Embedded Enabling Features) with built in Kinect components for use in pre-configured systems, and design to order services for boards to full systems with OS, software API and applications include Kinect built-in.

Bsquare Launches Windows Embedded SKU Search Tool

Bsquare recently launched a Windows Embedded SKU Finder Tool on their website. Use the new tool to find the correct SKU for your device or to request a quote.

Whitepaper - Moving to Windows Embedded Compact 7

Windows Embedded Compact 7, the next generation of the Windows Embedded CE platform, enables OEMs to create consumer and enterprise devices that seamlessly connect with PCs, multimedia, online content and data. Find out more about the differences between Windows Embedded Compact 7 and Windows Embedded CE and which is the right choice for your device.

ADLINK Launches 2nd Generation Intel Core i7 Quad Core Processor-Based Embedded Computer

ADLINK Matrix MXE-5300 Series is rugged, quad core, fanless computers, based on the high performance 2nd Generation Intel Core i7/i5/i3 processor and QM67 chipset, features top-of-the-line processor performance, outstanding wireless optimization capability to support 3G/WiFi/BT/GPS, robust mechanical design, and Intel AMT 7.0 support.
**ADLINK Launches Next Generation Powerful Embedded Vision System, EOS-1200**
ADLINK EOS-1200 is the industry’s first powerful Gigabit PoE embedded vision system to implement the 2nd generation Intel Core i7 quad core processor, providing four independent gigabit PoE (power over Ethernet) ports with data transfer rates up to 4.0 Gb/s. The EOS-1200 further supports IEEE 1588 precise time protocol, enabling synchronization with multi-camera acquisition.

**VIA Announces First QSeven Module**
The VIA QSM-8Q90 module measures just 70mm x 70mm and is based on the new embedded QSevenTM form factor developed to meet the demands of various low-power and mobile applications. Featuring a VIA 1.0GHz VIA Nano E-Series processor and the VIA VX900 MSP, the VIA QSM-8Q90 module is the ideal building block for power constrained handheld application segments, including medical, advanced gaming, military and test and measurement equipment.

**Impulse Introduces New ‘Cedar Trail’-Based 3.5” Single Board Computer**
Impulse is pleased to welcome the GENE-CV05 to our range of embedded 3.5” single board computers. Featuring the latest Intel Atom ‘Cedar Trail’-based processor and chipset, the GENE-CV05 is the ideal choice for any application that requires an energy efficient and high performance computing platform.

**Eurotech Announces New Family of Smart, IP-Based Biometric Face Recognition Systems**
Eurotech launches the SekuFACE, an IP-based biometric face recognition system running on Windows. Proving extremely high accuracy in identification and cloud-connectivity, the SekuFACE is ideal for public and private sector applications requiring management of entry and exit as well as permissions.

**Eurotech Launches License Plate Recognition System for Security and Surveillance**
Eurotech’s SekuPLATE is a cloud-enabled, IP-based license plate recognition system running on Windows that can read and automatically process license plates. Small and compact in design and able to run in even the most extreme of lighting and weather condition, the SekuPLATE can be installed in toll gates, checkpoints, access points, parking lots, and other similar infrastructures.

**Semi-Rugged and Highly Integrated PDA for Mobile Field Service Workforce**
IEI Technology Corp. (IEI), the global industrial computing innovator, announced the launch of the MODAT-335, a highly integrated terminal designed for the mobile field workforce. Based on the Marvell PXA 310 624MHz CPU and Windows Mobile 6.5 OS, the MODAT-335 features a selection of wireless functions such as Wi-Fi, Bluetooth and WCDMA/HSDPA or GPRS together with a built-in GPS antenna. With seamless connectivity, the MODAT-335 is ideal for fleet and inventory tracking, job dispatches, remote update of work status and the creation of notifications and service orders.

**Industrial SBCs with Intel H61 Express Chipset**
IEI Technology Corp. (IEI) announced the launch of the PCIE-H610, a full-size SBC, and the IMB-H612, a microATX motherboard. Both series use an Intel H61 Express Chipset. Designed for scalability and cost optimization, this new SBC series with Intel H61 Express Chipset and 2nd generation Intel Core processor allows one DIMM per channel of DDR3 1333 MHz. The Intel H61 series comes integrated with Intel HD Graphics technology to deliver high-performance graphics and media processing without a discrete graphics card.
ATX Server Board Supports 32nm LGA2011 Intel Xeon Processor E5-2600 Series

IEI Technology Corp. (IEI) introduced a new server grade ATX motherboard, IMBA-C604EP, featuring the Intel Xeon processor E5-2600 series and Intel C604 chipset. The IMBA-C604EP is designed with Intel's newest server grade processor and chipset to support higher performance via up to eight cores CPU, four SAS and four PCIex8 by Gen3 8GT/s signal. It is ideal for applications that require higher speedy data computing like face detection crime defense system in public places, public infotainment, network security monitoring and high resolution digital signage.

IEC FIRE 10.4” Mobile Clinic Assistant Awarded 2012 Taiwan Excellence Award

IEI Technology Corp. (IEI) announced that the ICEFIRE 10.4” Mobile Clinic Assistant tablet PC was awarded the "2012 Taiwan Excellence Award." The ICEFIRE was awarded in recognition for its highly innovative, eco-friendly design, user-friendly operating interface, and decisive market segmentation in the beginning design stages.

MailScanner has detected a possible fraud attempt from "click.email.microsoftemail.com" claiming to be IEI Welcomes You to Visit at #A1017 TWTC Hall 1, COMPUTEX Taipei 2012

IEI Technology Corp. sincerely invites you to our COMPUTEX 2012 booth at Taipei World Trade Center in Taiwan from June 5th to 9th. At IEI booth TWTC Hall 1 (A1017), we will introduce you comprehensive outstanding industrial computing products with Intel latest solutions and that are easily integrated into many different industrial or medical applications.

Washable 17” IP65 Industrial Touch Screen Monitor with Flush Design Streamlines Cleaning

NEXCOM Industrial touch monitor APPD 1700T integrates IP65-certified front panel, flush design, and touch screen; it is a water-washable 17” 4:3 LCD industrial touch monitor for food and beverage, pharmaceutical, and chemical industrials which are obliged to maintain high sanitary standards. With the same size as NEXCOM APPC 1720 series, APPD 1700T without computing hardware provides consistent view on factory floor and yet economically answers the need for a second industrial-grade display. APPD 1700T not only best fits industrial environment but also complements NEXCOM product lines, allowing NEXCOM to offer one-stop procurement convenience to its clients.

iWave Systems Technology Pvt. Ltd. Launched Q7 Compliant AM389x SOM

iWave’s newest System-on-module offering allows OEMs to harness the power and flexibility of TI’s Sitara AM389x ARM Cortex-A8 Microprocessor for a variety of applications including Industrial Automation, Medical, HMI, Interactive PoS, Single Board Computing, Network & Communication Processing, Video Surveillance Systems. Being Q7 R1.20 standard compliant, the module is Pin compatible with DM816x and C6A816x. Harnessing an SGX530 3D Graphics Engine for rich user interfaces, the SOM provides a dual simultaneous 1080p full HD display engine as well as a variety of more complex Graphical User Interfaces (GUIs).

Box Technologies Accepted as Microsoft Windows Embedded Silver Partner

Box Technologies, the UK’s leading provider of customer interface technology solutions, announced that the company has been designated as a Microsoft Silver Partner in the Windows Embedded Partner Program for its Windows Embedded Handheld technology. Box Technologies’ membership in the Windows Embedded Partner Program acknowledges the
company's expertise in delivering handheld device data capture solutions for field force workers in a range of mission critical applications within the retail, public sector, utilities, transportation, and logistics verticals.

**Janz Tec AG Joins VDMA's Shipbuilding and Offshore Supply Industry Working Group**
The Shipbuilding and Offshore Supply Industry Working Group is a part of VDMA – Europe’s biggest industry association. According to the VDMA working group, the German shipbuilding and offshore supply industry has a turnover of approximately 11.1 billion euro, with 70,000 people employed in the most significant economic factor inside the maritime industry - restaurant services. With the moniker of "Industrial Computing Architects", Paderborn-based Janz Tec develops systems based on recognized industry standards. In addition to embedded computing products, industrial PC systems and communication solutions are offered with the highest technical specifications for a wide range of application areas.

**Arrow Electronics Launches Digital Signage Program for OEMs**
Formalizing the services and support available to original equipment manufacturers in the digital signage and kiosk market, Arrow Electronics Inc. officially launched "Digital Communication Solutions," a program that enables the development of end-to-end solutions on a global basis for digital signage, kiosks and related applications. Arrow's Digital Communication Solutions team has assisted OEMs with the range of digital signage and kiosk solutions currently available in airports, sports arenas and fast-food restaurants. Arrow provides services and support in the design, building (i.e., staging), deployment and monitoring and support of these solutions.

**AdvanPOS Introduces AIO POS - With Printer Space Reserved**
Many printer-integrated POS products are available in the market, but all can be incorporated with just one printer model. What if you have own printer preference? AdvanPOS AIO is the answer! AdvanPOS AIO (All-in-One) POS reserves a printer space for 3” thermal printer. It not only can be integrated with the most popular printer - EPSON TM-T88V, but also can be incorporated with various kinds of thermal printers according to customer demands. AIO features fanless operation and powerful Intel Dual Core CPU.

**Portwell Announces Even More Applications for In-Vehicle PC**
American Portwell has added a host of new applications for PCS-8277, its existing, revolutionary in-vehicle PC-based telematics system. With powerful graphics/video processing capability, fast system time boot and easy maintenance design, the PCS-8277 is the ideal solution for in-vehicle digital signage telematics, mass transit in-bus and airport shuttle bus advertisement player and Wi-Fi hot-spot, in-shuttle bus flight schedule bulletin board, school bus media player platform, taxi rooftop digital signage player and in-vehicle interactive player for tour bus operation.

**Portwell Launches Fanless Mini-ITX Embedded System with Intel Core i7/i5/i3**
Portwell’s WEBS-3560B is a fanless embedded system with Mobile Intel QM57 Express chipset, DDR3, AMT 6.0 and an Intel Core i7/i5/i3-based Mini-ITX board. WEBS-3560B provides high mobile computing performance and full HD 1080P graphics capabilities. WEBS-3560B is ideal for applications in point-of-sale (POS), lottery, medical, gaming, high-resolution digital signage, surveillance security monitoring and kiosk.

**Palm-Sized and Ultra Low-Power Consumption Embedded Computing Box from Axiomtek**
Axiomtek announces the launch of a new palm-sized embedded box computer utilizing the ultra-low power consumption AMD G-Series APU T40R. The eBOX532-100-FR is fanless and operates under a thermal solution that helps the system remain cool and function without any noise. Integrated with Radeon HD 6320 graphics controller with DirectX 11 support, the compact unit offers excellent 3D graphics.

**Axiomtek Released New Low-Power, Graphics-Rich EPIC Board - EP100**
The new **EP100** EPIC embedded board, supporting AMD G-Series APU T56N/T40R, is ideal for graphics-intensive applications such as high-end medical imaging, digital signage, kiosks/POI, and gaming machines. Integrated AMD HD graphics with DirectX 11 technology, the **EP100** offers stunning 3D visual effects and dynamic interactivity. The **EP100** comes with three display outputs with two combinations.

**Axiomtek GOT615-801, 15.6-Inch Ultra-Thin WXGA TFT Wide Screen Fanless Touch Panel Computer**

Axiomtek presents **GOT615-801**, a new 15.6” WXGA TFT wide screen fanless touch panel computer with an ultra-thin profile for infotainment applications and automation fields. Featuring an IP65-rated aluminum front bezel and supreme styling, the robust Atom-based all-in-one panel computer to enhance interactive experience and attract visitors.

**EMAC PPC-E4+ for Windows Embedded CE**

EMAC, Inc. announces the PPC-E4+ Panel PC. The PPC-E4+ supports Windows Embedded CE and uses a fanless ARM9, 400 MHz Processor. The PPC-E4+ has a 4.3” WQVGA 480 x 272 TFT LCD Analog Resistive Touch screen, 3 RS232 & 1 RS232/422/485 Ports, 1 USB 2.0 (High Speed) Host port, 1 USB 2.0 (High Speed) OTG port, Micro SD Flash Card Socket, 1 SPI & 1 I2C Port, Audio Beeper, and 10/100 Base-T Ethernet. The PPC E4+ supports up to 1GB Flash & 256 SDRAM, 12 to 26 Vdc operating voltage and a ultra-small size of 4.8” x 3.0”. Optional Power over Ethernet (PoE) & Optional Audio w/ Line-in/out are available.

---

**Send Us Your Feedback**

We value your feedback and believe that it is critical to the success of our partners, programs, and products. Send your feedback to **mswepp@microsoft.com**. We will read each and every piece of feedback submitted in an effort to make the suggested improvements.

**Contact Us**

To be contacted by an authorized Microsoft Windows Embedded distributor (for product, licensing, or pricing questions) or a Microsoft System Integrator Gold partner (for help in bringing your device to market), just visit [MailScanner has detected a possible fraud attempt from "click.email.microsoftemail.com" claiming to be http://www.windowsembeddedcontact.com](mailto:mswepp@microsoft.com) and your request will be promptly answered. Microsoft respects your privacy. To learn more please read our online Privacy Statement.

If you would prefer to no longer receive this newsletter, please click [here](mailto:). To set your contact preferences for other Microsoft communications click [here](mailto:).