



DIAMOND SYSTEMS CORPORATION

For Immediate Release

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Rugged SBCs Gain Windows Embedded SDKs

SDKs include pre-configured OS images, bootable flash disks, and development tools for rapid deployment of Windows Embedded CE and Windows Embedded Standard applications

Jan. 12, 2010; Mountain View, Calif. -- Diamond Systems Corp., a leading supplier of ruggedized single-board computers (SBCs), embedded-ready subsystems (ERSs), and I/O expansion modules targeting real-world applications, today launched a series of Windows® Embedded Software Development Kits (SDKs) for its PC/104 and PC/104-Plus expandable Athena II, Hercules II, Helios, and Pegasus SBCs.

Each SDK includes a tiny solid-state IDE “flashdisk” module – preloaded with a Windows Embedded CE 6.02 R2 or Windows Embedded Standard (formerly “Windows XP Embedded”) OS image – that plugs directly into one of Diamond’s SBCs, ready to boot and run immediately. With all required drivers pre-configured and ready to use, these bootable flashdisks complement Diamond’s reliable processor modules to create fully solid-state Windows Embedded-based small form factor computers.

Each Windows Embedded SDK provides a Windows Embedded CE or Windows Embedded Standard OS image that’s tailored to work seamlessly with a particular Diamond. Standard peripherals supported by preconfigured and preinstalled drivers within the provided Windows Embedded OS image include:

- PS/2 mouse and keyboard
- RS-232 serial ports
- IDE storage devices
- Ethernet networking

Additionally, for products having onboard data acquisition functions, each SDK contains Diamond’s exclusive Universal Driver, which supports the associated board’s onboard data acquisition capabilities. Demo programs for analog and digital I/O operation on these products are also provided.

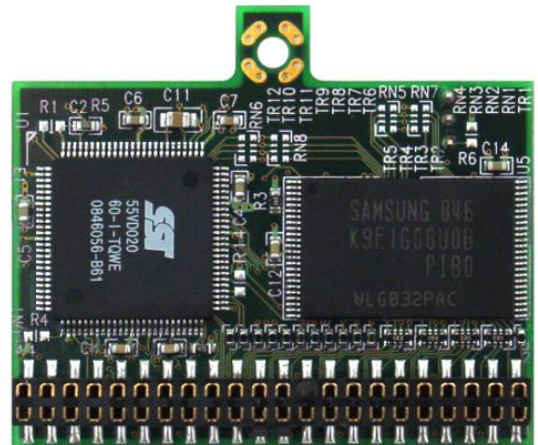
Summary of Software Development Kit Contents

Each Windows Embedded SDK includes:

- A Diamond Systems Windows Embedded SDK CD for the target SBC
- A 1.2 x 1.7-inch flashdisk module containing a licensed, bootable, preconfigured Windows Embedded runtime image for the target SBC
- A copy of Microsoft’s Windows Embedded Evaluation Kit (pictured at right), containing trial versions of Microsoft’s Windows Embedded CE and Windows Embedded Standard development tools, usable without charge for 180 and 120 days, respectively

Each Diamond Systems Windows Embedded SDK CD includes:

- An installable Windows Embedded CE or Windows Embedded Standard BSP (board support package) for the target SBC
- All of the device drivers for the SBC to be used with the BSP



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- Step-by-step instructions for using the BSP and drivers to develop a customized platform for your application
- Ethernet bootloader for the target SBC

Availability and Pricing

The following Windows Embedded SDK models are immediately available for use with the Diamond SBC products indicated:

Windows Embedded Standard SDK Model	Supported SBC	CPU Supported	SDK Flash Disk Size	Qty 1 price
SDK-ATHM-XPE	Athena II	VIA Mark	512MB	\$350
SDK-HRC-XPE	Hercules II	VIA Mark	512MB	\$350

Windows Embedded CE SDK Model	Supported SBC	CPU Supported	SDK Flash Disk Size	Qty 1 price
SDK-HLV-WCE	Helios	DMP Vortex86	128MB	\$200
SDK-PGS-WCE	Pegasus	AMD Geode LX800	128MB	\$200

About Diamond

Diamond Systems Corporation is a leading worldwide supplier of compact, rugged, board-level embedded computers, I/O interface modules, and fully-integrated systems targeting fixed and mobile applications in military, transportation, and industrial market segments. The company was an early adopter of PC/104 technology and today is one of the leading suppliers of PC/104 I/O modules and highly-integrated single board computers with on-board data acquisition and control capabilities. The privately held company was founded in 1989, and is based in Mountain View, California, in the heart of Silicon Valley.

For more information, visit www.diamondsystems.com or call 1-800-36-PC104.

Media Resources

Further details are available from the following pages on Diamond's website:

- [Windows Embedded CE Software Development Kits](#)
- [Windows Embedded Standard Software Development Kits](#)
- [Universal Driver software](#)
- [Athena II SBC](#)
- [Hercules II SBC](#)
- [Helios SBC](#)
- [Pegasus SBC](#)
- [High resolution flashdisk module photo](#)