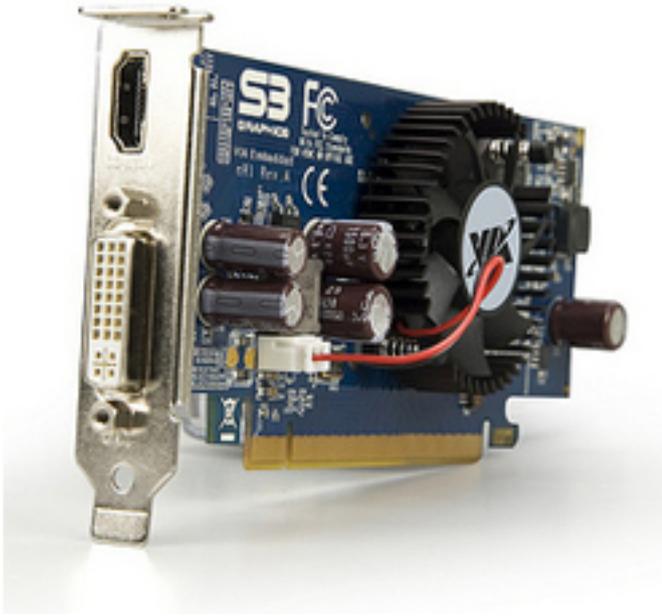


Graphics card offers DX10.1 graphics and multi-screen HD video content



VIA Technologies today announced the world's first graphics card designed specifically for the embedded market with the VIA eH1, a DX10.1 compliant, multi-display card that thrusts any system with a PCI Express slot into a new realm of graphics and video capability.

The VIA eH1 comes with a three year product longevity guarantee and is the most power-efficient discrete graphics and video solution on the market today. The VIA eH1 AIB features an advanced DirectX 10.1, OpenGL 3.1, OpenGL ES 2.0 compatible 64-bit architecture and offers multi-stream 1080p HD video decoding and Stereoscopic 3D rendering capability. This makes it the ideal solution for a range of embedded applications that require advanced graphics and video on multiple displays.

"The VIA eH1 hits a real sweet spot for the embedded industry as a whole," said Daniel Wu, Vice President, VIA Embedded Platform Division, VIA Technologies, Inc. "Offering technologies like DX10.1, OpenGL/CL, plus multi-channel HD video playback on an extremely low power AIB will excite system integrators who want to bring the latest features to existing platforms."

VIA eH1: Embedded Graphics and Video

The VIA eH1 is a low profile PCI Express add-in-board designed for next generation embedded applications in a range of segments including digital signage and advertising, POS, POI, gaming or any embedded application where sophisticated graphics and HD video is streamed on two displays.

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Published on Electronic Component News (<http://www.ecnmag.com>)

The VIA eH1 features the S3 Chrome 5400E GPU, the industry's most power-efficient a 64-bit discrete graphics solution and is complimented with 512MB of DDR3 memory.

VIA eH1 Product Highlights

- PCIe 2.0 Bus Interface
- 512MB DDR3
- Low profile form factor
- Dual-Link DVI and HDMI (with HDCP)
- Fully programmable DirectX 10.1 Unified Shader Core
- OpenGL 3.1 + OpenGL ES 2.0
- GPGPU on OpenCL 1.0
- H.264 and VC-1 support for Blu-Ray
- Support for resolutions up to 2560x1600
- 1080p/1080i/720p HD-decode
- Steroscopic 3D capable
- Dual display support

The VIA eH1 can be used in conjunction with a number of VIA EPIA board products and can supplement any existing system that uses a x1, x4, x8 or x16 PCIe slot. Samples of the VIA eH1 are available now to project customers upon request.

For more information about the VIA eH1 please visit:

<http://www.via.com.tw/en/products/embedded/graphics/eh1/index.jsp> [1]

Details regarding the S3 Chrome 5400E can be found on the S3 Graphics website here: <http://www.s3graphics.com/en/products/class2.aspx?seriesId=17> [2]

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Links:

[1] <http://www.via.com.tw/en/products/embedded/graphics/eh1/index.jsp>

[2] <http://www.s3graphics.com/en/products/class2.aspx?seriesId=17>

