

Lanner Releases Economical Intel Atom based 3.5" Single Board Computer.

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(February 3rd, 2010) Today Lanner Electronics Inc. announced the release of the VES-300, a low power and economically priced 3.5" single board computer. Utilizing the 945GSE + ICH7M chipset and powered by an Intel ATOM N270 processor, this SBC is designed to be deployed in a variety of industrial and commercial settings. The VES-300 has SATA support, comes with a CompactFlash socket and holds up to 2GBs of RAM. It comes with 6 USB and 4 COM ports for peripheral connectivity and 2 Ethernet ports for network communication.

The VES-300 is built around the Intel ATOM N270, which consumes less power and has a small thermal footprint, while still offering solid 1.6GHz of processing power. The motherboard is designed to be integrated in a fanless system, relying only on a passive CPU heatsink for cooling. It can operate between 0oC and 60oC.

This SBC is designed for vibrant displays with integrated graphics via Intel 945GSE. The VES-300 supports VGA and LVDS outputs. On the VES-300 is a SDVO LVDS transmitter, which enables the LVDS output to operate at 24 bits, rather than 18. This higher bandwidth enables the VES-300 to display more colors for larger, more vibrant displays.

As stated above there are a variety of ports and connectors to satisfy even the most complex of deployment scenarios. There are 6 USB 2.0 ports and 4 COM ports. Dual 10/100/1000 Mbps RJ45 Ethernet ports are controlled via a Realtek RTL8111C. There is a Mic-in and Line-out for audio applications.

Tacked on this 3.5" board is one SO-DIMM slot capable of holding a maximum of 2GB of RAM, a CompactFlash Socket and a SATA port for a hard drive or solid state drive.

The VES-300 supports Linux kernel 2.4.16 or above, Windows XP (32-bit), Windows 2000, XP Embedded and CE Embedded 6.0 operating systems.

For ordering information please visit our website at: www.lannerinc.com/economical/VES-300

Or contact our sales department at sales@lannerinc.com

About Lanner

Founded in 1986 and publicly listed (TAIEX 6245) since 2003, Lanner Electronics, Inc. is an ISO 9001 certified designer and manufacturer of network application platforms, network video platforms and applied computing hardware for first-tier companies. Lanner's expertise also extends to include driver and firmware support, enabling customers to optimize hardware and software communication to achieve faster time to market. With headquarters in Taipei, Taiwan and branches in the U.S. and China, Lanner is uniquely positioned to deliver custom technical solutions with localized, value-added service. Lanner is

an Associate Member of the Intel® Embedded Alliance, a group of companies committed to developing modular, standards-based solutions based on technologies, processors, products, and services from Intel®.

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