



## **Korenix Announces New PCI-104 CANbus Card Expansion**

Taipei, Taiwan, 03/15/2011 - New PCI-104 CANbus card expansion now supported on JetCard 5400 Embedded Single Board Computers for Enhanced Network Performance in Flexible Control Applications

Korenix is pleased to announce that PCI-104 CANbus cards can be now integrated with its JetCard 5400 series VPN single board computers – a new extension capability which allows enhancing network infrastructures with improved network reliability and transmission efficiency through the CAN interface. To provide CANopen communication service, Korenix also includes the CANfestival software package in Linux OS of its JetCard 5400. Both these new enhancements enable the complete computing system with integrated JetCard to work as a gateway between Modbus TCP and CANopen, thus ensuring outstanding network performance of complex industrial control applications.

Depending on users' specific application needs, Korenix also provides integration services of PCI/104 plus cards, including PCI-104 CANbus cards, for its JetBox 9500/9400 series Embedded VPN routing computers. For more details, please contact Korenix Sales!

The JetCard 5400 is an exclusive embedded Linux ready single board computer, which provides 5 RJ45 Ethernet ports for data transmission, one USB port for wireless communication as well as console port for remote control. Moreover, due to the PCI-104 form factor availability, IPC providers can design an extensible system with up to four PCI-104 cards, and in addition to CANbus, benefit from other interfaces such as serial, gigabit Ethernet, VGA... for higher bandwidth and higher performance network construction.

To establish long-distance and secure networking, the JetCard 5400 also supports VPN, allowing IPC providers to use it as a VPN gateway. Using the Linux SDK, the JetCard 5400-w with -40~80°C becomes an excellent embedded solution for developing customized and flexible industrial control and remote monitoring applications.

The key features of JetCard 5400-w are:

- Intel IXP435 400MHz with Networking Processor;
- 5 Ethernet ports: 1 WAN, 4 LAN;
- 1 USB, 1 console port, 1 reset button;
- VPN for enhance secure networking;
- 12~48V DC input;
- Embedded Linux ready;
- Router/ Ethernet switch function support;
- Linux SDK for customized applications;
- -40~80°C wide operating temperature.

### About Korenix

Korenix Technology ([korenix.com](http://korenix.com); [korenixembedded.com](http://korenixembedded.com)), a Beijer Electronics Group Company, is devoted to designing and manufacturing high quality Industrial Networking & Computing Products to ensure high quality and reliability of industrial networks. Korenix solutions encompass the Industrial IEEE 802.3af PoE and IEEE 802.3at High power PoE Switches, Industrial L2 / L3 Rackmount / Rail Ethernet Switches and IP67/ 68 Waterproof Ethernet Switches, Long Distance Wireless Outdoor APs and Embedded Networking Routing Platforms, etc.