

# PCI-104-Express CPU board is first to incorporate Qseven Modules

TORONTO, ONTARIO - August 19, 2010- Connect Tech is pleased to introduce the Xtreme/CPU - PCI/104-Express processor module. Xtreme/CPU is the first PCI/104-Express processor module to incorporate industry standard Qseven modules. The Xtreme/CPU was designed based on Qseven modules provided by congatec, an innovative business that specializes in the development and marketing of industrial computer modules using standard form factors including Qseven, COM Express, XTX and ETX.

The Connect Tech Xtreme/CPU is an embedded carrier board based on the PCI/104-Express form factor. This compact processor module enables complete integration with any industry standard Qseven module. The Xtreme/CPU conveniently provides on-board connectors allowing for instant access to Qseven features.

### PCI/104-Express Single Board Computer - Features

- PCI/104-Express form factor with 4 x1 PCIe lanes
- 2x SATA
- 2x RS-232 and 2x RS-422/485
- 4x USB 2.0
- 1x Gigabit Ethernet
- LVDS
- VGA Video

Xtreme/CPU gives instant access to a full range of PCI/104-Express add-on cards, and incorporating Qseven creates an I/O platform with a scalable CPU. Simply changing the Qseven module provides users with instant access to Atom-based products that are easily upgradeable to take advantage of future generations of Atom.

Xtreme/CPU is an ideal off-the-shelf solution for a broad range of applications. Achieve rapid proof of concept and deploy systems for field trials with off-the-shelf hardware. Through our engineering services, customers will benefit from our modified designs. The Connect Tech engineering team is skilled at creating customer-specific products that ensure both time to market and price targets are met.

The Xtreme/CPU - PCI/104-Express processor module is compatible with all Qseven modules that are available at the time of this release, including those from:

- congatec
- Hectronic AB

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- IEI Technology Corp.
- iWave Systems Technologies PVT Ltd.
- MSC Vertriebs GmbH
- NETIO Technologies Co., Ltd.
- Portwell, Inc.
- Seco s.r.l.

For detailed information about Qseven, please visit <http://www.qseven-standard.org> [1]

For detailed information about Connect Tech's PCI/104-Express Single Board Computer, please visit <http://www.connecttech.com/sbc> [2]

### About Connect Tech

Connect Tech delivers high performance connectivity solutions for embedded and industrial technology applications. For 25 years, Connect Tech has built a solid reputation for expertise in providing professional design services, delivering unsurpassed technical support and developing innovative products that improve design efficiency and cost effectiveness. CTI products include commercial off-the-shelf (COTS) solutions for PC/104, PC/104-Plus, PCI/104-Express, FeaturePak, Qseven, PCI, PCI Express, Ethernet, CompactPCI and ISA: FPGA & digital I/O, CPU boards, CAN controller cards, solid state drives, Ethernet-to-serial devices, wireless radio modems, and multi-port serial cards.

For specialized requirements, Connect Tech offers modified COTS solutions to create an exact technology fit, shorten the design cycle, and reduce development costs. Our products are installed in a wide range of operating system environments supported by CTI, and accompanied by a Lifetime Warranty and free Technical Support. Headquartered in Guelph, Ontario, Canada, our customers include energy, government, manufacturing, transportation companies, and a variety of automation, point-of-sale and other users of embedded technology.

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### Links:

[1] <http://www.qseven-standard.org>

[2] <http://www.connecttech.com/sbc>