



**Connect Tech Inc.**  
*Embedded Computing Experts*

## High Performance Solutions for Embedded and Industrial Applications

For more than 25 years, Connect Tech has built a solid reputation for expertise in providing professional design services, delivering unsurpassed technical support and developing innovative products for embedded and industrial applications.

### Professional Design Services

Connect Tech is dedicated to delivering the right solution to meet your unique requirements. From new product development to providing top-notch technical support, you can count on us for product quality, expert advice and services that will enhance your business value. We offer expertise in:

- ✓ Project Consulting and Management
- ✓ Hardware and Software Development
- ✓ FPGA Design
- ✓ Technical Support
- ✓ Computing Platforms
- ✓ Operating Systems
- ✓ Design Consulting

### Solutions for Minor to Large-scale Modifications

Connect Tech offers Modified COTS solutions to create an exact technology fit. Using off-the-shelf intellectual property from our extensive line of commercial off-the-shelf products, we can develop custom solutions without the learning curve. This reduces your time to market, delivering prototypes in many cases within an eight week window! Use our off-the-shelf solutions to develop in parallel with custom design efforts.



## Innovative Products for Simple to Complex Applications

Connect Tech products include commercial off-the-shelf solutions for **PCI, PCI Express, PC/104, PC/104-Plus, PCI/104-Express, CompactPCI, ISA** and more. Our products include:

- ✓ Fanless Embedded Systems
- ✓ Single Board Computers
- ✓ Qseven Carrier Boards
- ✓ COM Express® Carrier Boards
- ✓ Cellular/Satellite M2M
- ✓ FPGAs
- ✓ Digital I/O
- ✓ Analog I/O
- ✓ Enclosure System
- ✓ CAN Controllers
- ✓ Solid State Drives
- ✓ Ethernet-to-Serial Devices
- ✓ FeaturePak
- ✓ Wireless Radio Modems
- ✓ Multi-port Serial Cards
- ✓ Adapters & Development Tools



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.



Connect Tech Inc. is ISO 9001:2000 certified.

### Our Markets

Customers worldwide realize the benefits of using Connect Tech's products and services. Our solutions enable rapid proof-of-concept and deployment to improve workflow processes, increase efficiency and reduce the time to market. Our wide range of products can be adapted for various applications including:

- ✓ Automation
- ✓ Gaming
- ✓ Manufacturing
- ✓ Point-of-Sale
- ✓ Energy
- ✓ Military & Aerospace
- ✓ Medical
- ✓ Transportation

#### Connect Tech Inc.

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## COM Express® Carrier Board

**COM Express®**



- ✓ PC/104-Plus and PC/104-Express expansion capabilities
- ✓ COM Express® Type 2 Basic and Compact module compatible
- ✓ COM Express® Carrier supports modules from major manufacturers

**COM Express® Carrier Board** is a full-featured compact carrier board that is compatible with **COM Express® Type 2 Basic** and **Compact** modules. COM Express® Carrier can be used as a stand-alone carrier board, or integrated directly into an existing application.

## Analog and Digital I/O Solutions



**Xtreme I/O ADC-DAC** is an analog data acquisition board. Two models include:

**Analog Input & Output Model:** 32 single ended/16 differential channels of 16 bit analog input, 4 channels 16 bit analog output, 16 bit GPIO.

**Analog Input Model:** 32 single ended/16 differential channels of 16/12 bit analog input, 16 bit GPIO.

## Single Board Computers and Qseven Carrier Boards

Q S E V E N



**Single Board Computers and Qseven Carrier Boards** provide users with options that include light, low cost feature sets through to full featured **PCI-104**, **PCIe/104** and **Pico-ITX** solutions.



## Solid State Drives



**SSD/104 SATA** is a stackable storage solution that allows installation of up to two **mSATA SSD** modules into any **PC/104-Plus**, **PCI-104**, **PCI/104-Express** and **PCIe/104** stack or embedded system.

## Cellular/Satellite M2M

**ROADWARRIOR**



**RoadWarrior** enables remote monitoring, controlling and collecting of data from multiple I/O interfaces through a wireless cellular data link or Low Earth Orbit (LEO) satellite.

## Fanless Aluminum Embedded Products



*Ideal for in-vehicle and industrial automation control applications*

Connect Tech's **PAR** series of fanless PCs are designed with processor solutions from **Intel®** and **AMD**, including **Intel® Atom™ N270**, **Intel® Atom™ Dual-Core D510**, **Intel® Core™ i3/i5/i7** and **AMD LX800**.

These compact, high performance fanless systems offer low power consumption, a wide operating temperature range, along with anti-vibration and shock resistant features that allow operation under harsh environmental conditions.

## Enclosure Systems

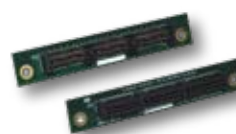


- ✓ Designed to IP65 specifications
- ✓ Internal and external suspension systems
- ✓ Modular assembly fits together precisely
  - ✓ Expandable modular system
  - ✓ Up to three modules between end caps
  - ✓ Customized solutions

The **Rugged Enclosure System** is an enclosure system designed to house **PC/104** compatible boards.

## Adapters & Development Tools

**PCIe/104 Bus Extender**



The **PCIe/104 Bus Extender** allows one additional card height spacing between peripherals in a **PCIe/104** or **PCI/104-Express** stack.

**PCIe/104 to PCI Express Cable Adapter**



**PCIe/104 to PCI Express Cable Adapter** provides an interface from the **PCIe/104 (PCI/104-Express)** bus to a **PCI Express** cable connection.

**SUMIT to PCIe/104 Adapter**



**SUMIT to PCIe/104 Adapter** enables easy integration of a **PCIe/104** or **PCI/104-Express** card into an existing **SUMIT-104** system.