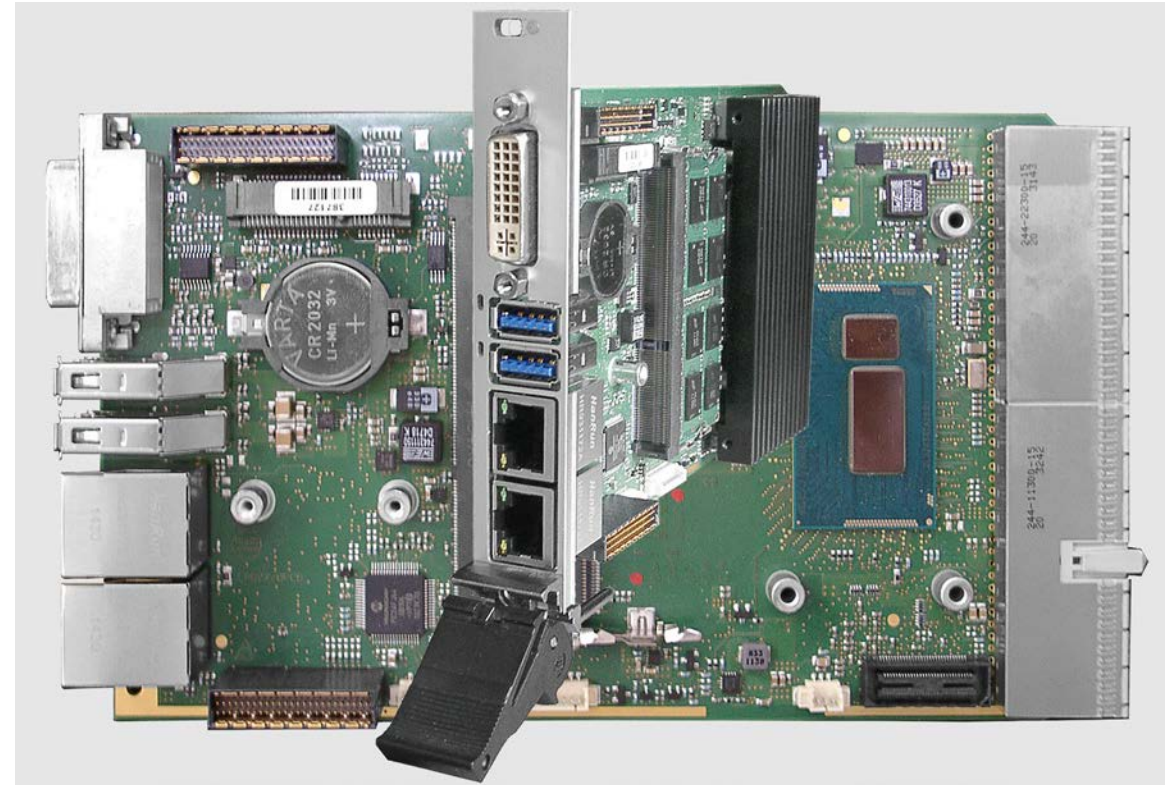


APPLICATIONS

The **EMTrust ICP-CP97** is a high-end 3U CompactPCI CPU-board for versatile requirements in embedded and ruggedized applications.

- _ Industrial Control & Automation
- _ Measurement & Control
- _ Medical Solutions
- _ Automation
- _ Infotainment
- _ Energy Management
- _ Environmental Management
- _ Military

COMPACT PCI CPU BOARD



High versatility through rear I/O 'E' interface and 8 HP daughter-board extension.



Three independent Gigabit Ethernet controller, two on front and one routed to rear I/O.



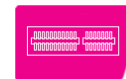
Rugged & reliable choice for demanding embedded applications.



4 HP version is passive cooled, 8 HP version is active cooled.



Front panel DVI-I and analog VGA interface.



4 HP system master with up to 7 PCI bus master or stand-alone.

SPECIFICATIONS

CPU	Intel® Core™ processors i7-5650U / 3.1 GHz / 4 MB cache i5-5350U / 2.9 GHz / 3 MB cache i3-5010U / 2.1 GHz / 3 MB cache Celeron® 3765U / 1.9 GHz / 2 MB cache Other on request
Max. memory	Up to 16 GB DDR3L SDRAM dual channel with 1333 or 1600 MHz
Front Interfaces	4 HP version: 2 USB 3.0, 2 Gigabit Ethernet, DVI-I and VGA, System status LED, HDD LED Optional 8 HP version (additional to 4 HP): 3 USB 2.0, 1 Gigabit Ethernet, 1 RS232 1 PS/2
Extension Interfaces	Rear I/O “E” interface (optional): 1 USB 2.0, 1 Gigabit Ethernet, 2 SATA, 1 PCI Express® Mini Card socket, 1 VGA Compact PCI bus: PICMG 2.0 R3.0, R2.1 Universal (3.3 V / 5 V) PCI VI/O (optional) Support for 7 PCI REQ / GNT pairs Supports PCI Rev. 2.3 specification @ 33 MHz Basic hot swap
OS support	Microsoft® Windows® 7 Professional Microsoft® Windows® 10 Professional Linux Ubuntu 16.04 LTS Other on request
Dimension	4 HP: 213 mm x 129 mm x 20,32 mm 8 HP: 213 mm x 129 mm x 60,64 mm
Max. operating temp.	0°C to +55°C ambient Other on request
Max. storage temp.	-40°C to +85°C ambient
Max. rel. humidity	95 % @ 40°C, non-condensing

FLEXIBLE COMMUNICATIONS



fanless rugged industrial design

OVERVIEW

The EMTrust ICP-CP97 is powered by 5th generation Intel® Core™ processor technology. The perfect fusion of low-power consumption and high performance.

SUMMARY

- ▶ One PCI Express® Mini Card socket
- ▶ Up to three independent Gigabit Ethernet ports
- ▶ SATA interfacing
- ▶ Up to three independent displays