



► Universal Telecomms PCI Adapter

The Universal Telecomms PCI Adapter is an intelligent I/O adapter with onboard CPU using a Motorola PowerQUICC II Integrated PowerPC Microprocessor as communication controller and offering various E1/T1, E3/T3, Fast Ethernet, ATM and serial I/O options.

The adapter is available in air-cooled versions : commercial and ruggedised.

Features

- Exact functionality can be tailored to meet customer requirements with I/O channels only being limited by the number of available PMC connector pins.
- Offers I/O over either twisted pair or optical fibre media.

Availability in Other Formfactors

The Universal Telecomms PCI Adapters are also available in the PMC and PC104 Plus formfactors.

In the PMC formfactor, they are available in conduction-cooled (-40 C to +85 C) and air-cooled versions : ruggedised (-40 C to +85 C), industrial (-15 C to +75 C) and commercial (0 C to +55 C).

In the PC104 Plus formfactor, they are available in air-cooled versions : ruggedised (-40 C to +85 C), industrial (-15 C to +75 C) and commercial (0 C to +55 C).

Universal Telecomms PCI Adapter Specifications

Bus Interface	32-bit, 33/66 MHz PCI-bus Electrically and Mechanically complies to PCI Rev. 2.2
Software Drivers	Various software drivers offered including for VxWorks and Linux operating systems as standard; others are costed options.

Environmental Specifications

	Commercial	Ruggedised
Temperature		
- Operating	0 C to +55 C	-15 C to +75 C
- Storage	-40 C to +85 C	-40 C to +85 C
Humidity	0% to 90%	0% to 95%
Shock	N/A	30 g peak for 11 ms
Vibration		
- Sine	2 g (peak) 10 Hz to 100 Hz	10 g (peak) 5 Hz to 2 kHz
- Random	0,04 g ² /Hz at 15 Hz to 2 kHz	0,1 g ² /Hz at 15 Hz to 2 kHz

Designations

CCII/UTA/PCI/8E12H2U/FP/COM	Commercial	Front-panel or Backplane I/O	FR4 PCB
CCII/UTA/PCI/8E12H2U/FP/IND	Industrial	Front-panel or Backplane I/O	FR4 PCB
CCII/UTA/PCI/8E12H2U/FP/RGD	Ruggedised	Front-panel or Backplane I/O	Polyimide PCB



Advance



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Communications Computer Intelligence Integration

► **Universal Telecomms PCI Adapter**

Universal Telecomms PCI

Board-Level