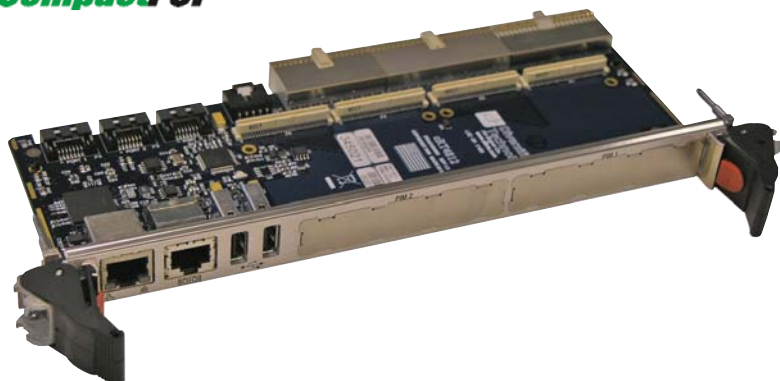




CompactPCI Rear-Panel Transition Module

CompactPCI



Product Features

- Dual Expandable PIM Support
- SATA 1.0a Support
- USB 2.0 Support
- Networking
- RS232 COM Port

Introducing a low-cost solution to expandability at its finest. The Diversified Technology CRT4812 rear transition module is intended to take advantage of additional features available from the CPB4812, DTI's Intel® Core™2 Duo Processor based blade. By taking advantage of the additional I/Os and PIM interfaces on the CRT4812, end-users gain increased system flexibility and reduced time to market for their custom configurations.

Feature Set

- (2) Dedicated PIM Expansion Interfaces
 - J3/J5 - Customer Specific via front board PMC/XMC
- (3) SATA 1.0a Ports
 - Internally accessible
 - Transfer rates up to 150 Mbytes/s
- (3) USB 2.0 Ports
 - 2 externally accessible, 1 internally accessible
 - Transfer rates up to 480 Mbits/s
- (1) 10\100\1G Ethernet Port
 - Intel 82573E 10/100/1G Ethernet Controller
 - x1 PCIe Interface
 - 2Gb/s per direction bandwidth
 - 8Mbit Flash Memory
 - (1) RJ45 connection on Face Plate
 - PXE Boot ROM via CPB4812
- (1) RS232 Serial Port
 - 16-Byte FIFOs
 - Up to 115Kbps

Mechanical

- 9.2" x 3.150" x 0.8"

Power Requirements

Input Power (max): 3.2W

ICC max:

| | |
|-------|-------|
| +5.0V | 0.12A |
| +3.3V | 0.78A |

OS Compatibility

- Windows® Vista, Windows® XP, Windows® 2008 Server, Enterprise Linux®

www.dtims.com/cpci • sales@dtims.com • 1.800.443.2667

Environmental

Operating

- Temperature: -5° to 55°C
- Humidity (RNC): 10% to 85% non-condensing
- Altitude: 4,000m / 13,000 ft @40°C
- Shock: 10g 11ms half-sine
- Vibration: 5-100Hz @ 1g sine sweep
Random 5-20Hz @ 0.01g2/Hz; 20-500 -3dB slope

Storage and Transit (in approved packaging)

- Temperature: -40° to 70°C
- Humidity (RNC): 10% to 90% non-condensing
- Altitude: 12,192m / 40,000 ft
- Shock: 40g 6ms half-sine, 500/axis
- Vibration: 5-50Hz @ ½g 50-100Hz @ 3g sine sweep
Random 5-20Hz @ 0.01g2/Hz; 20-500 -3dB slope

Regulatory Compliance

- Designed for NEBS/ETSI Compliance
- CE Certification with national deviations
- Safety (pending): UL/cUL 60950-1:2007; EN/IEC 60950-1:2006
- EMI/EMC: FCC 47 CFR Part 15 Class A;
EN 55022:2006; EN 50024:1998

Reliability

- MTBF: 1,759,324 hours @ 25°C
Calculated using Telcordia Issue 1, Method I, Case 3.
- 2 year limited warranty

Ordering Information

CRT4812: Rear Transition Module for CPB4812

* Contact your DTI Sales Representative for Custom Build Options

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Technology®**
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