

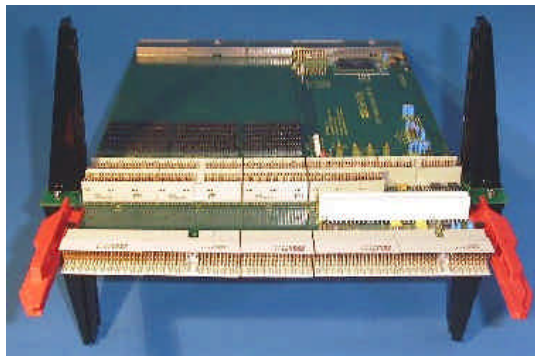
CompactPCI® 6U 64-Bit Test Extender

Measurement and testing of *CompactPCI*® assemblies in the 6U Euro-board form factor is greatly facilitated by the use of this test adapter. Easy access to the DUT is guaranteed because the adapter has plug-in connections on 3 sides. The Modern BRIDGE design permits up to 3 *CompactPCI*® cards and one standard PCI® card to be inserted in one *CompactPCI*® slot. This allows system developers to implement a large number of tests with little effort and enables you to achieve vital time to market.

Our extenders include a PCI Bridge. **Some competitor products do not provide a PCI bridge**, thus reducing a extender costs by tolerating a violation of the PCI specs. Overall PCI compatibility however is a must in order to achieve total reliability. ***Please bear these facts in mind, when comparing prices of PCI Extenders.***

The front and lateral guides securely hold the test specimen. This test adapter can be easily used even in systems with over length cPCI cards (depth up to 220 mm).

Additional drivers are not needed. The PCI devices are detected by standard PCI BIOS.



CompactPCI 6U 64-Bit Test Extender

Ordering

PCI_300.140

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Four Slot PCI to 6U CompactPCI Adapter Specifications

- 64-bit bridge with INTEL® 21154AC (33 MHz)
- 6U, 4HP installation width (depth up to 220mm)
- Full plug-and-play support
- Automatic voltage adaptation to 3.3 V / 5 V backplane V(I/O)
- Secondary V(I/O) adjustable by means of jumper
- Supply voltage for bridge operation of 5 V (single) from backplane
- LED indicators for all secondary voltages
- All operating voltages can be separated for current consumption measurement
- Simple adaptation to different interrupt tables by means of jumpers
- Geographic addresses can be individually set for each slot
- JTAG support
- All 315 I/O signals can be individually separated with jumpers
- High-resistance switching of PCI bus signals via the bridge
- Test specimen can be plugged in simultaneously with direct PCI connector
- Guided insertion of test specimens from 3 sides
- EMC-compliant design
- Specifications: PCI™ V2.1, PICMG 2.0 R2.1 and R3.0
- 8 GND test points facilitate measurement on the test specimen