

Compact-I Rack-Mount Shelf For CompactPCI 10U, 21 Slot With RiCool Blowers, With RTMs



The Compact-I system was specifically developed for use in telecommunications, data communications and computer telephony applications. The design, based on a sheet steel outer enclosure with a pull-out aluminum subrack; facilitates cost-effective mass production. As you would expect, all the requirements of CompactPCI have been incorporated into the development. The basic variants shown here are merely a selection of typical application examples, and can be configured to suit the customer's specific requirements. The systems are supplied fully assembled and prewired including backplane and power supply unit.

Technical Description:

Vented shelf, 310 mm deep, for installation in 19" (486.2 mm) racks, cabinets or cases

Prepared to accommodate CompactPCI boards and drives

Complies with IEC 60297-3/ -4/ -5-1xx; IEEE 1101.1/ .10/ .11.

Options To Be Considered:

- For alternative cPCI backplanes, see pages 73-78
- For bridges, see page 83
- For alternative cPCI/H.110 backplanes, see pages 74-75
- For alternative PICMG 2.16 fabric backplanes, see page 78
- Front or center mount flanges available

- For alternative PICMG 2.17 star fabric backplanes, see page 76
- For alternative PSU backplanes, see pages 88-91
- For power supplies, see page 91
- For DC power entry module, see page 92
- For alarm board, see pages 93-94
- For hard disk drive modules, see page 95

- For RiCool blowers, see page 222-225
- For system thermal evaluation tools, see page 54
- For EMC filler panels, see pages 208-209
- For front panels and injector/extractor handles, see page 98
- For 30A RTM ground contacts, see page 58

Features	10U
Prepared for the installation of [?] x 6U x 160 mm cPCI front boards and [?] 6U x 880 mm RTMs	•
For the optional installation of drives and pluggable PSUs.	•
Optional 6U x 8HP AC or DC power supplies, 350W/450W	•
Front/rear interface for CompactPCI defined injector/extractor handles	•
Keyable PCB guide/slot positions per PICMG 2.10	•
Red guides for the system slot	•
Green guides for the PSU slot	•
Gray/yellow guides for peripheral slot identification	•
ESD clips for PCB ESD wipe	•
Optional ESD clips for front panel ESD protection	•
Optional 30A GND sockets for RTM protection	•
Powerful front to rear cooling	•
EMC design	•
Forced air cooling with intelligent, hot-swap RiCool blowers	•
Fully wired and tested	•

