

## Overview Of Systems

### CompactPCI

#### CompactPCI "Slim-Box"



**1, 2, 3, 4U/2, 4, 6, 8 slot in AC or DC input**  
Order No. see pages 26-33  
For backplanes see page 61-78

#### Applications

Configuration of 482.6 mm (19") industrial computer systems to the CompactPCI specifications for

- Telecommunications
- Automation

#### Design Features

- 482.6 mm (19") rack-mounted system for horizontal installation of computer boards at the front, and I/O boards at the rear
- 1U, 2U, 3U, 4U, 300 mm deep
- Standard cooling from left to right or right to left
- Sheet steel, spray-finished (black)
- Including backplane and fan
- Fully assembled, wired and tested
- Configuration for CompactPCI boards to CompactPCI Spec. 2.0 and 2.1



#### User Benefits

- Horizontal installation of double Euroboards
- Maximum installation with minimal space requirements
- 2/4/6/8 slots at the front for 160 mm and at the rear for 80 mm boards
- Hot swap-compatible power supply units, optionally AC or DC
- EMC and ESD protection
- Fully assembled, wired and tested
- Integral cooling from left to right
- Complies with CompactPCI spec. 2.0 and 2.1, IEC 60 297-3 and IEEE 1101.1/1101.10/1101.11

#### CompactPCI Systems



**3U, 5 slot/4U, 7 slot horizontal**  
Order No. see page 38  
For backplanes see pages 61-78

#### Applications

Configuration of 482.6 mm (19") industrial computer systems to the CompactPCI specifications for

- Telecommunications
- Automation

#### Design Features

- 482.6 mm (19") rack-mounted system for horizontal installation of double Euroboards
- 3U or 4U, 405 mm deep
- Clear chromated aluminum
- Including backplane and power supply unit
- Fully assembled, wired and tested
- Horizontal installation space for double Euroboards: 5 or 7 slots
- Configuration for CompactPCI boards to CompactPCI Spec. 2.0 and 2.1



#### User Benefits

- Horizontal installation of double Euroboards
- EMC and ESD protection
- Fully assembled, wired and tested
- Targeted air routing from front to rear
- Keyable guide rails
- Complies with CompactPCI spec. 2.0 and 2.1, IEC 60 297-3 and IEEE 1101.1/1101.10

#### CompactPCI Systems



**4U and 7U, 8 slot**  
Order No. see page 38  
For backplanes see pages 61-78

#### Applications

Configuration of 482.6 mm (19") industrial computer systems to the CompactPCI specifications for

- Telecommunications
- Automation

#### Design Features

- 482.6 mm (19") rack-mounted system for vertical installation of Euroboards/double Euroboards
- 4 or 7U, 405 mm deep
- Clear chromated aluminum
- Including backplane and power supply unit
- Fully assembled, wired and tested
- Installation space for Euroboards/double Euroboards: 8-21 slots
- Configuration for CompactPCI boards to CompactPCI Spec. 2.0 and 2.1
- 3U x 160 mm or 6U x 160 mm boards



#### User Benefits

- Vertical installation of Euroboards/double Euroboards
- EMC and ESD protection
- Fully assembled, wired and tested
- Targeted air routing from bottom to top
- Keyable guide rails
- Complies with CompactPCI spec. 2.0 and 2.1, IEC 60 297-3 and IEEE 1101.1/1101.10

### CompactPCI Systems



**7U, 8 slot**  
 Order No. see page 40  
 For backplanes see pages 61-78

#### Applications

Configuration of 482.6 mm (19") industrial computer systems to the CompactPCI specifications for

- Telecommunications
- Automation

#### Design Features

- 482.6 mm (19") rack-mounted system for vertical installation of Euroboards/double Euroboards
- 7U, 405 mm deep
- Clear chromated aluminum
- Including backplane and power supply unit
- Fully assembled, wired and tested
- Installation space for plug-in boards: 8 slots
- Configuration for CompactPCI boards to CompactPCI Spec. 2.0 Rev. 3.0
- 6U x 160 mm front boards



#### User Benefits

- Vertical installation of double Euroboards
- EMC and ESD protection
- Fully assembled, wired and tested
- Targeted air routing from front to rear
- Keyable guide rails
- Complies with CompactPCI spec. 2.0 Rev. 3.0, IEC 60 297-3 and IEEE 1101.1/1101.10

### CompactPCI Systems



**9U, 12 slot with RiCool and Rear I/O**  
 Order No. see page 44  
 For backplanes see pages 61-78

#### Applications

Configuration of 482.6 mm (19") industrial computer systems to the CompactPCI specifications for

- Telecommunications
- Automation
- Medical

#### Design Features

- 482.6 mm (19") rack-mounted system for vertical installation of double Euroboards
- 9U, 290.5 mm deep, with rear I/O modules
- Clear chromated aluminum
- Including backplane, power supply unit and 2 radial fans
- Fully assembled, wired and tested
- Installation space for plug-in boards: 8 slots
- Configuration for CompactPCI boards to CompactPCI Spec. 2.0 Rev. 3.0



#### User Benefits

- Vertical installation of double Euroboards
- EMC and ESD protection
- Fully assembled, wired and tested
- Targeted air routing
- Rear I/O transition modules
- Keyable guide rails
- Effective ventilation with two RiCool blowers (204 m3/h)
- Complies with CompactPCI spec. 2.0 Rev. 3.0, IEC 60 297-3 and IEEE 1101.1/1101.10

### CompactPCI, "Compact-I"



**10U, 17 slot with RiCool and Rear I/O**  
 Order information see page 52  
 For backplanes see page 61-78

#### Applications

Configuration of 482.6 mm (19") industrial computer systems to the CompactPCI specifications for

- Telecommunications
- Automation
- Data communications
- Computer telephony

#### Design Features

- 482.6 mm (19") rack-mounted system for vertical installation of double Euroboards
- Outer enclosure made from 1 mm sheet steel
- Pull-out interior enclosure made from aluminum
- Customer-specific configuration
- Front boards 6U x 160 mm
- Rear RTM 6U x 80 mm

#### User Benefits

- Customized system production
- Cost-effective production of large quantities