Ripac VME/VME64x "Slim-Box"

1, 2, 3, 4U/2, 4, 6, 8 slot in AC input
Order No. see pages 110-112
For backplanes see page 60

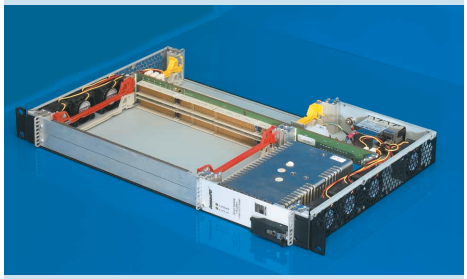
Applications

Configuration of 482.6 mm (19") industrial computer systems to the VME 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 VME boards to VME = VITA-1, VME64x = VITA-1.1



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
- EMC and ESD protection
- Fully assembled, wired and tested
- Integral cooling from left to right
- Complies with VITA-1, VITA-1.1, IEC 60 297-3 and IEEE 1101.1/1101.10/1101.11

Ripac VME/VME64x Systems

3U, 5 slot/4U, 7 slot horizontal
Order No. see page 114
For backplanes see page 60

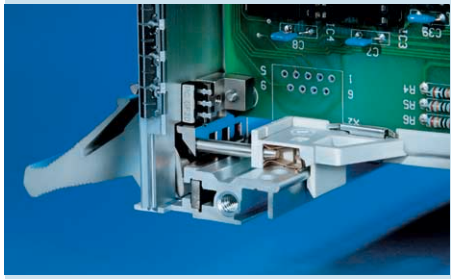
Applications

Configuration of 482.6 mm (19") computer systems to VME specifications for

- Process control
- Traffic management technology
- Image processing
- 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
- Installation of VME or VEM64x cards to VME specification



User Benefits

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

Ripac VME/VME64x Systems

4U and 7U, 12 slot
Order No. see page 116
For backplanes see page 60

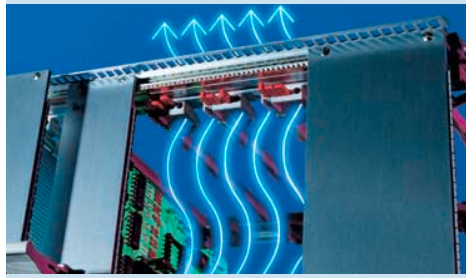
Applications

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

- Process control
- Traffic management technology
- Image processing
- 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
- Horizontal installation chamber for double Euroboards: 12 slots
- Installation of VME or VME64x cards to VME specification



User Benefits

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

Ripac VME/VME64x Systems

7U, 12 Slots

Order No. see page 118.

Applications

Configuration of 482.6 mm (19") computer systems to VME specifications for

- Process control
- Traffic management technology
- Image processing
- Automation

Design Features

- 482.6 mm (19") rack-mounted system for vertical installation of double Euroboards
- 7U, 405 mm deep
- Clear chromated aluminum
- Includes backplane and power supply unit
- Fully assembled, wired and tested
- Installation chamber for Euroboards/double Euroboards: 12 slots
- Installation of VME or VME64x boards to VME specification

User Benefits

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

Ripac VME/VME64x Systems

9 U, 12 Slots With RiCool

Order No. see page 120.

Applications

Configuration of 482.6 mm (19") computer systems to VME specifications for

- Process control
- Traffic management technology
- Image processing
- Automation

Design Features

- 482.6 mm (19") rack-mounted system for vertical installation of double Euroboards
- 9U, 290.5 mm deep, at the rear for I/O modules
- Clear chromated aluminum
- Includes backplane and power supply unit
- Fully assembled, wired and tested
- Installation chamber for Euroboards/double Euroboards: 12 slots
- Installation of VME or VME64x boards to VME specification
- Including 2 radial fans; max. output: 204 m^3/h, hot swap, speed control

User Benefits

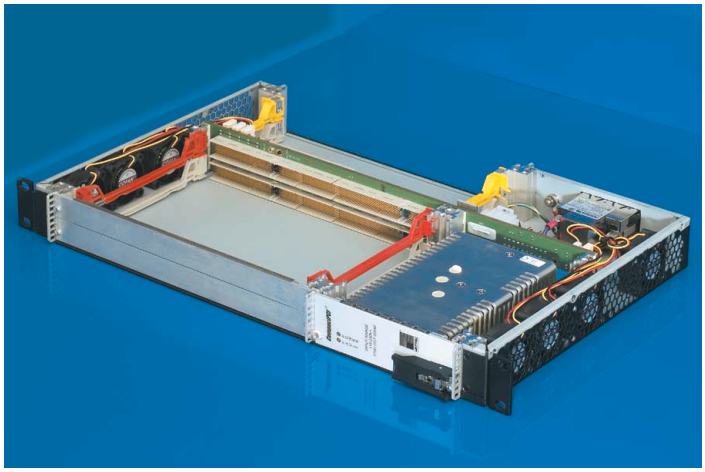
- Vertical installation of double Euroboards
- EMC version
- Fully assembled, wired and tested
- Targeted air routing from bottom to top
- ESD protection
  I/O transition modules at the rear
- Keyable guide rails
  Effective ventilation with 2 radial fans RiCool
- Complies with IEC 60 297-3 and IEEE 1101.1/1101.10/1101.11

Order Information

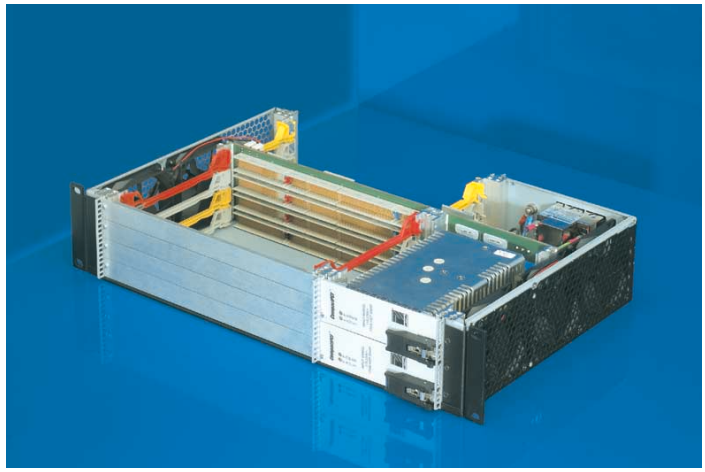
Slim-Box-AC Maximum Cooling Rack-Mounted System 1U, 2 Slot And 2U, 4 Slot For VME64x

			Order No. MPS system	Order No. MPS system	Page
U			1	2	
Depth			300 mm	300 mm	
For PCB depth **- front** **- rear**			 160 mm 80 mm	 160 mm 80 mm	
Part No.			**3688451**	**3688452**	
Model No.			**7510**	**7520**	
Mechanical Supply Includes					
Description	**Material**				
482.6 mm (19") rack-mounted enclosure with - front/rear slots for boards - front slots for PSU	Sheet steel, spray finished		1 2	1 4	
Guide rails, keyable	Polycarbonate		10	20	
Electrical/Electronic Supply Includes					
	Technical specifications				
Monolithic backplane VME64x For alternative, inquire	64 bit/66 MHz and H.110		1	1	
Power input module with power switch, line filter and fuse	1		1		
DC fan, left	see opposite		3	2	
DC fan, right	see opposite		4	3	
Accessories		**Model No.**			
AC power supply unit*	175 W	**PS3310**	**9805701**	**9805701**	142
AC power supply unit*	200 W	**PS3312**	**9805703**	**9805703**	142
AC power supply unit*	250 W	**PS3313**	**9805705**	**9805705**	142
EMC front panel	6U, 4HP		**3685186**	**3685186**	101
EMC front panel	6U, 8HP		**3685190**	**3685190**	101
EMC front panel	3U, 4HP		**3685178**	**3685178**	101
EMC front panel	3U, 8HP		**3685182**	**3685182**	101

* Note: These power supplies do not require a minimum load to operate. For power supplies that are used under full load condition, you may want to use the same power supply which requires a minimum load of approximately 5%. These PSU are available. Please inquire.



Note: For VME solutions with open frame or ATX power supplies, please inquire. For VME64x solutions with open frame or ATX power supply, please inquire.

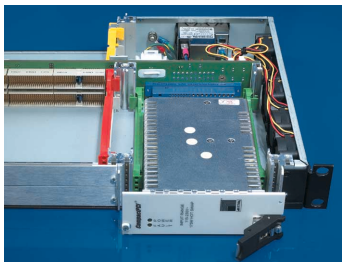


Note: Image of CompactPCI backplane in place of VME64x backplane.

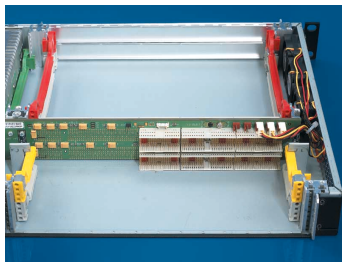
Slim-Box-AC Rack-Mounted System 1U And 2U For VME64x

Technical Specifications:

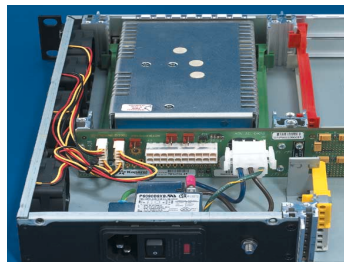
- 1 or 2U rack-mounted enclosure with 482.6 mm (19") mounting brackets (may be offset approximately 100 mm to the rear)
- 2/4 slots for VME boards at the front and rear
- Enclosure cooling from left to right
- EMC and ESD-compatible configuration
- Integral Monolithic VME64x backplane
- Power input module
- Including fan:
  for 1U: 12 VDC, 21 m3/h,
  for 2U: 12 VDC, 74 m3/h
- Optional: Hot swap-compatible power supply units with current splitting for redundancy operation (2U)
- Custome versions available on request
- Conforms to IEEE 1101.1/10/11, VITA-1, VITA-1.1
- AC – DC



Power Supply Unit
175 W, hot swap-compatible,
Order No. see page 90.



Monolithic 9U VME64x Backplane
Note: CompactPCI backplane shown



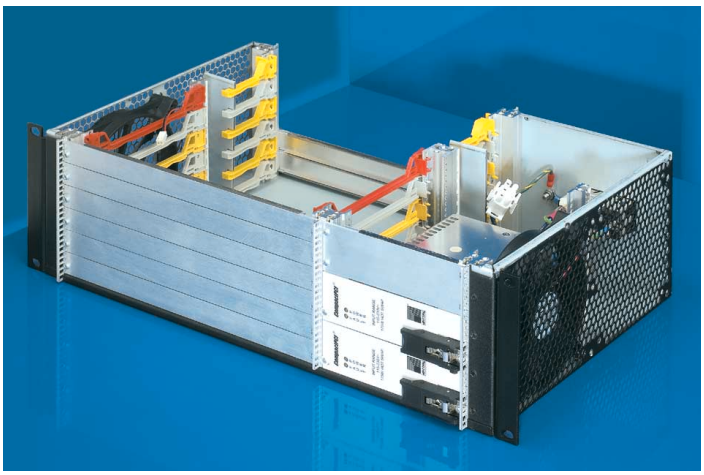
Power Input Module

Order Information

Slim-Box-AC Rack-Mounted System 3U, 6 Slot And 4U, 8 Slot For VME64x

			Order No. MPS system	Order No. MPS system	Page
U			3	4	
Depth			300 mm	300 mm	
For PCB depth **- front** **- rear**			 160 mm 80 mm	 160 mm 80 mm	
Part No.			**3688453**	**3688454**	
Model No.			**7530**	**7540**	
Mechanical Supply Includes					
Description	**Material**				
482.6 mm (19") rack-mounted enclosure with - front/rear slots for board - front slots for PSU	Sheet steel, spray finished		1 6 3	1 8 3	
Guide rails, keyable	Polycarbonate		30	40	
Electrical/Electronic Supply Includes					
	Technical specifications				
Monolithic backplane VME64x For alternative, inquire	64 bit/33 MHz and H.110		1	1	
Power input module with power switch, line filter and fuse			1	1	
DC fan, left	See opposite		1	4	
DC fan, right	See opposite		1 + 1	6	
Accessories		**Model No.**			
AC power supply unit*	175W	**PS3310**	**9805701**	**9805701**	142
AC power supply unit*	200W	**PS3312**	**9805703**	**9805703**	142
AC power supply unit*	250W	**PS3314**	**9805705**	**9805705**	142
EMC front panel	6U, 4HP		**3685186**	**3685186**	101
EMC front panel	6U, 8HP		**3685190**	**3685190**	101
EMC front panel	6U, 12HP		**3685192**	**3685192**	101
EMC front panel	6U, 16HP		**3685349**	**3685349**	101
EMC front panel	3U, 4HP		**3685178**	**3685178**	101
EMC front panel	3U, 8HP		**3685182**	**3685182**	101
EMC front panel	3U, 12HP		**3685184**	**3685184**	101
EMC front panel	3U, 16HP		**3685348**	**3685348**	101

* Note: These power supplies do not require a minimum load to operate. For power supplies that are used under full load condition, you may want to use the same power supply which requires a minimum load of approximately 5%. These PSU are available. Please inquire.



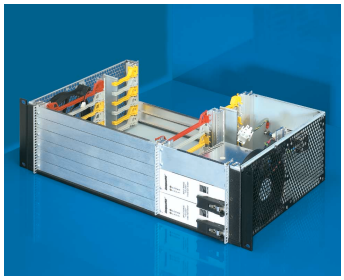
Note: For VME solutions with open frame or ATX power supplies, please inquire. For VME64x solutions with open frame or ATX power supply, please inquire.

Note: Image of CompactPCI backplane in place of VME64x backplane.

Slim-Box-AC Rack-Mounted System 3U And 4U For VME64x

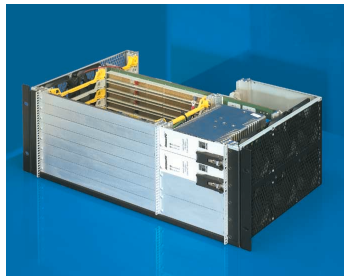
Technical Specifications:

- 3 or 4U rack-mounted enclosure with 482.6 mm (19") mounting brackets (may be offset approximately 100 mm to the rear)
- 6/8 slots for VME boards at the front and rear
- Enclosure cooling from left to right
- EMC and ESD-compatible configuration
- Integral Monolithic VME64x backplane
- Power input module
- Including fan:
  for 3U: 12 VDC, 195 m^3/h or 74 m^3/h,
  for 4U: 12 VDC, 74 m^3/h
- Optional: Hot swap-compatible power supply units with current splitting for redundancy operation
- Custom versions available on request
- Conforms to IEEE 1101.1/10/11, VITA-1, VITA-1.1
- AC – DC



Power Supply Units, redundant, Order No. see page 139.

Fan in the side panel.



Monolithic 9U VME64x Backplane
Note: CompactPCI backplane shown