

# CPCI Serial Backplane



The nVent SCHROFF CompactPCI Serial backplanes support the highest data transfer rates with PCIe up to Gen 3, 10GbE, USB 3.0 and S-ATA Rev. 3.0

## CERTIFICATIONS



## FEATURES

Conforms to PICMG CompactPCI Serial (CPCI-S.0 R2.0) specification

Utility connector on rear of backplane

Mechanical centering and keying/coding strip in stainless steel on every fully equipped front and rear slot

## SPECIFICATIONS

Table 1/2

Catalog Number	Product Type	Number of Slots	Rack Height	Backplane Type	System Slot	Slot Width
23007-661	Backplane	1	3U	CompactPCI Serial, No Bus		4HP
23007-641	Backplane	1	3U	CompactPCI Serial, No Bus		4HP
23007-681	Backplane	1	3U	CompactPCI Serial, No Bus		4HP
23007-621	Backplane	1	3U	CompactPCI Serial, No Bus		4HP

Catalog Number	Product Type	Number of Slots	Rack Height	Backplane Type	System Slot	Slot Width
23007-679	Backplane	9	3U	CompactPCI Serial with Ethernet Star	Right	4HP
23007-668	Backplane	8	3U	CompactPCI Serial with Ethernet Star	Left	4HP
23007-629	Backplane	9	3U	CompactPCI Serial with Ethernet Star	Left	4HP
23007-669	Backplane	9	3U	CompactPCI Serial with Ethernet Star	Left	4HP
23007-676	Backplane	6	3U	CompactPCI Serial with Ethernet Star	Right	4HP
23007-677	Backplane	7	3U	CompactPCI Serial with Ethernet Star	Right	4HP
23007-628	Backplane	8	3U	CompactPCI Serial with Ethernet Star	Left	4HP
23007-636	Backplane	6	3U	CompactPCI Serial with Ethernet Star	Right	4HP
23007-627	Backplane	7	3U	CompactPCI Serial with Ethernet Star	Left	4HP
23007-682	Backplane	2	3U	CompactPCI Serial with Ethernet Full-mesh	Left	4HP
23007-683	Backplane	3	3U	CompactPCI Serial with Ethernet Full-mesh	Left	4HP
23007-667	Backplane	7	3U	CompactPCI Serial with Ethernet Star	Left	4HP
23007-695	Backplane	5	3U	CompactPCI Serial with Ethernet Full-mesh	Right	4HP

Catalog Number	Product Type	Number of Slots	Rack Height	Backplane Type	System Slot	Slot Width
23007-655	Backplane	5	3U	CompactPCI Serial with Ethernet Full-mesh	Right	4HP
23007-637	Backplane	7	3U	CompactPCI Serial with Ethernet Star	Right	4HP
23007-654	Backplane	4	3U	CompactPCI Serial with Ethernet Full-mesh	Right	4HP

Table 2/2

Catalog Number	Product Type	Number of Slots	Rack Height	Backplane Type	System Slot	Slot Width
23007-653	Backplane	3	3U	CompactPCI Serial with Ethernet Full-mesh	Right	4HP
23007-639	Backplane	9	3U	CompactPCI Serial with Ethernet Star	Right	4HP
23007-649	Backplane	9	3U	CompactPCI Serial with Ethernet Full-mesh	Left	4HP
23007-645	Backplane	5	3U	CompactPCI Serial with Ethernet Full-mesh	Left	4HP
23007-644	Backplane	4	3U	CompactPCI Serial with Ethernet Full-mesh	Left	4HP
23007-643	Backplane	3	3U	CompactPCI Serial with Ethernet Full-mesh	Left	4HP
23007-642	Backplane	2	3U	CompactPCI Serial with Ethernet Full-mesh	Left	4HP

Catalog Number	Product Type	Number of Slots	Rack Height	Backplane Type	System Slot	Slot Width
23007-685	Backplane	5	3U	CompactPCI Serial with Ethernet Full-mesh	Left	4HP
23007-605	Backplane	5	3U	CompactPCI Serial with Ethernet Full-mesh	Right	4HP
23007-689	Backplane	9	3U	CompactPCI Serial with Ethernet Full-mesh	Left	4HP
23007-684	Backplane	4	3U	CompactPCI Serial with Ethernet Full-mesh	Left	4HP
23007-693	Backplane	3	3U	CompactPCI Serial with Ethernet Full-mesh	Right	4HP
23007-615	Backplane	5	3U	CompactPCI Serial with Ethernet Full-mesh	Right	4HP
23007-694	Backplane	4	3U	CompactPCI Serial with Ethernet Full-mesh	Right	4HP

Table 1/2

Catalog Number	Connector Type	Power Connector Type	Utility Connector Type	Width	Package Quantity
23007-661	AirMax VS	Microfit	MicroMatch, 10-pin	19.3mm	1
23007-641	AirMax VS	Microfit	MicroMatch, 10-pin	19.3mm	1
23007-681	AirMax VS	Microfit	MicroMatch, 10-pin	19.3mm	1
23007-621	AirMax VS	Microfit	MicroMatch, 10-pin	19.3mm	1
23007-679	AirMax VS	Power Bugs for M4 Cable Lugs	MicroMatch, 10-pin	181.9mm	1

Catalog Number	Connector Type	Power Connector Type	Utility Connector Type	Width	Package Quantity
23007-668	AirMax VS	Power Bugs for M4 Cable Lugs	MicroMatch, 10-pin	161.6mm	1
23007-629	AirMax VS	Power Bugs for M4 Cable Lugs	MicroMatch, 10-pin	181.9mm	1
23007-669	AirMax VS	Power Bugs for M4 Cable Lugs	MicroMatch, 10-pin	181.9mm	1
23007-676	AirMax VS	Power Bugs for M4 Cable Lugs	MicroMatch, 10-pin	120.9mm	1
23007-677	AirMax VS	Power Bugs for M4 Cable Lugs	MicroMatch, 10-pin	141.2mm	1
23007-628	AirMax VS	Power Bugs for M4 Cable Lugs	MicroMatch, 10-pin	161.6mm	1
23007-636	AirMax VS	Power Bugs for M4 Cable Lugs	MicroMatch, 10-pin	120.9mm	1
23007-627	AirMax VS	Power Bugs for M4 Cable Lugs	MicroMatch, 10-pin	141.2mm	1
23007-682	AirMax VS	Power Bugs for M4 Cable Lugs	MicroMatch, 10-pin	39.6mm	1
23007-683	AirMax VS	Power Bugs for M4 Cable Lugs	MicroMatch, 10-pin	60mm	1
23007-667	AirMax VS	Power Bugs for M4 Cable Lugs	MicroMatch, 10-pin	141.2mm	1
23007-695	AirMax VS	Power Bugs for M4 Cable Lugs	MicroMatch, 10-pin	100.6mm	1
23007-655	AirMax VS	Power Bugs for M4 Cable Lugs	MicroMatch, 10-pin	100.6mm	1
23007-637	AirMax VS	Power Bugs for M4 Cable Lugs	MicroMatch, 10-pin	141.2mm	1
23007-654	AirMax VS	Power Bugs for M4 Cable Lugs	MicroMatch, 10-pin	80.3mm	1

Table 2/2

Catalog Number	Connector Type	Power Connector Type	Utility Connector Type	Width	Package Quantity
23007-653	AirMax VS	Power Bugs for M4 Cable Lugs	MicroMatch, 10-pin	60mm	1
23007-639	AirMax VS	Power Bugs for M4 Cable Lugs	MicroMatch, 10-pin	181.9mm	1
23007-649	AirMax VS	Power Bugs for M4 Cable Lugs	MicroMatch, 10-pin	191.9mm	1

Catalog Number	Connector Type	Power Connector Type	Utility Connector Type	Width	Package Quantity
23007-645	AirMax VS	Power Bugs for M4 Cable Lugs	MicroMatch, 10-pin	100.6mm	1
23007-644	AirMax VS	Power Bugs for M4 Cable Lugs	MicroMatch, 10-pin	80.3mm	1
23007-643	AirMax VS	Power Bugs for M4 Cable Lugs	MicroMatch, 10-pin	60mm	1
23007-642	AirMax VS	Power Bugs for M4 Cable Lugs	MicroMatch, 10-pin	19.3mm	1
23007-685	AirMax VS	Power Bugs for M4 Cable Lugs	MicroMatch, 10-pin	100.6mm	1
23007-605	AirMax VS	PwrBlade	MicroMatch, 10-pin	159.9mm	1
23007-689	AirMax VS	Power Bugs for M4 Cable Lugs	MicroMatch, 10-pin	181.9mm	1
23007-684	AirMax VS	Power Bugs for M4 Cable Lugs	MicroMatch, 10-pin	80.3mm	1
23007-693	AirMax VS	Power Bugs for M4 Cable Lugs	MicroMatch, 10-pin	60mm	1
23007-615	AirMax VS	PwrBlade	MicroMatch, 10-pin	159.9mm	1
23007-694	AirMax VS	Power Bugs for M4 Cable Lugs	MicroMatch, 10-pin	80.3mm	1

## WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at [www.nvent.com](http://www.nvent.com) and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

### North America

All locations

+1.763.422.2661

Chat with us:

[nvent.com/schroff](https://nvent.com/schroff)

### Europe

Straubenhardt, Germany

+49.7082.794.0

Betschdorf, France

+33.3.88.90.64.90

Warsaw, Poland

+48.22.209.98.35

Assago, Italy

+39.02.932.7141

Chat with us:

[nvent.com/schroff](https://nvent.com/schroff)

### Asia

Shanghai, China

+86.21.2412.6943

Qingdao, China

+86.532.8771.6101

Singapore

+65.6768.5800

Shin-Yokohama, Japan

+81.45.476.0271

Chat with us:

[nvent.com/schroff](https://nvent.com/schroff)

### Middle East & India

Dubai, United Arab Emirates

+971.4.378.1700

Bangalore, India

+91.80.6715.2001

Istanbul, Turkey

+90.216.250.7374

Chat with us:

[nvent.com/schroff](https://nvent.com/schroff)



Our powerful portfolio of brands:

**CADDY**

**ERICO**

**HOFFMAN**

**ILSCO**

**SCHROFF**

**TRACHTE**