

CPCI Backplane, System Slot Left



The nVent SCHROFF CompactPCI Backplanes have best in class signal integrity and MTBF values due to SMD components, ceramics capacitors and press fit connectors.

CERTIFICATIONS



FEATURES

In accordance with: PICMG 2.0 R3.0 CompactPCI Core specification, PICMG 2.1 R2.0 Hot Swap specification, PICMG 2.9 R1.0 System Management Bus specification, PICMG 2.10 R1.0 Keying specification

Digital GND can be connected to/isolated from chassis-GND by means of screws

V(I/O) adjustable to +3.3 V or +5 V

Infeed of supply voltages via powerbugs (ring tag M4), FASTONs

Outer layers act as GND surfaces

Utility plug for status signals (SMCQ)

Multiple backplanes can be placed together without loss of slots

Outstanding high-frequency noise suppression and very high MTBF values due to ceramic capacitors

Intelligent platform management bus (IPMB) connector to PICMG 2.9

SPECIFICATIONS

Table 1/3

Catalog Number	Product Type	Number of Slots	Rack Height	Backplane Type	System Slot	Slot Width
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23006-405	Backplane	5	3U	CompactPCI, 32-bit	Left	4HP
23006-406	Backplane	6	3U	CompactPCI, 32-bit	Left	4HP
23006-408	Backplane	8	3U	CompactPCI, 32-bit	Left	4HP
23006-422	Backplane	2	3U	CompactPCI, 64-bit	Left	4HP
23006-423	Backplane	3	3U	CompactPCI, 64-bit	Left	4HP
23006-424	Backplane	4	3U	CompactPCI, 64-bit	Left	4HP
23006-428	Backplane	8	3U	CompactPCI, 64-bit	Left	4HP
23006-443	Backplane	3	6U	CompactPCI, 64-bit	Left	4HP
23006-444	Backplane	4	6U	CompactPCI, 64-bit	Left	4HP
23006-445	Backplane	5	6U	CompactPCI, 64-bit	Left	4HP
23006-448	Backplane	8	6U	CompactPCI, 64-bit	Left	4HP
23006-714	Backplane	4	3U	CompactPCI, 32-bit	Left	4HP
23006-715	Backplane	5	3U	CompactPCI, 32-bit	Left	4HP
23006-716	Backplane	6	3U	CompactPCI, 32-bit	Left	4HP
23006-718	Backplane	8	3U	CompactPCI, 32-bit	Left	4HP
23006-732	Backplane	2	3U	CompactPCI, 64-bit	Left	4HP
23006-733	Backplane	3	3U	CompactPCI, 64-bit	Left	4HP
23006-734	Backplane	4	3U	CompactPCI, 64-bit	Left	4HP
23006-738	Backplane	8	3U	CompactPCI, 64-bit	Left	4HP

23006-763	Backplane	3	6U	CompactPCI, 64-bit	Left	4HP
23006-764	Backplane	4	6U	CompactPCI, 64-bit	Left	4HP
23006-765	Backplane	5	6U	CompactPCI, 64-bit	Left	4HP
23006-768	Backplane	8	6U	CompactPCI, 64-bit	Left	4HP

Table 2/3

Catalog Number	Voltage I/O	Connector Type	Power Connector Type	Utility Connector Type	Width	Package Quantity
23006-405	3.3V	HM 2.0	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	100.6mm	1
23006-406	3.3V	HM 2.0	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	121mm	1
23006-408	3.3V	HM 2.0	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	161.56mm	1
23006-422	3.3V	HM 2.0	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	39.64mm	1
23006-423	3.3V	HM 2.0	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	60mm	1
23006-424	3.3V	HM 2.0	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	80.28mm	1
23006-428	3.3V	HM 2.0	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	161.56mm	1
23006-443	3.3V	HM 2.0	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	60mm	1
23006-444	3.3V	HM 2.0	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	80.28mm	1
23006-445	3.3V	HM 2.0	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	100.59mm	1
23006-448	3.3V	HM 2.0	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	161.56mm	1
23006-714	5V	HM 2.0	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin		1
23006-715	5V	HM 2.0	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	100.6mm	1

CatalogNumber	Voltage I/O	ConnectorType	Power ConnectorType	Utility ConnectorType	Width	Package Quantity
23006-716	5V	HM 2.0	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	121mm	1
23006-718	5V	HM 2.0	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	161.56mm	1
23006-732	5V	HM 2.0	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	39.64mm	1
23006-733	5V	HM 2.0	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	60.05mm	1
23006-734	5V	HM 2.0	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	80.28mm	1
23006-738	5V	HM 2.0	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	161.56mm	1
23006-763	5V	HM 2.0	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	39.6mm	1
23006-764	5V	HM 2.0	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	80.28mm	1
23006-765	5V	HM 2.0	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	100.59mm	1
23006-768	5V	HM 2.0	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	161.56mm	1

Table 3/3

Catalog Number	Certifications	Quick Ship
23006-405	RoHS, PICMG	No
23006-406	PICMG, RoHS	No
23006-408	RoHS, PICMG	No
23006-422	PICMG, RoHS	No
23006-423	RoHS	No
23006-424	RoHS, PICMG	No
23006-428	PICMG, RoHS	No

Catalog Number	Certifications	Quick Ship
23006-443	RoHS, PICMG	No
23006-444	PICMG, RoHS	No
23006-445	RoHS, PICMG	No
23006-448	PICMG, RoHS	No
23006-714	RoHS, PICMG	No
23006-715	PICMG, RoHS	No
23006-716	RoHS, PICMG	No
23006-718	PICMG, RoHS	No
23006-732	RoHS, PICMG	No
23006-733	PICMG, RoHS	No
23006-734	RoHS, PICMG	No
23006-738	PICMG, RoHS	No
23006-763	RoHS, PICMG	No
23006-764	PICMG, RoHS	No
23006-765	RoHS, PICMG	No
23006-768	PICMG, RoHS	No

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 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.

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