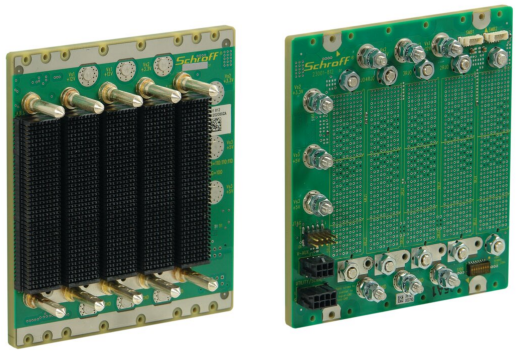
VPX Backplane



The nVent SCHROFF VPX Backplane have excellent Signal Integrity for highest data transfer rates.

FEATURES

- In accordance with: VITA 46.0 VPX base standard; VITA 46.3 Serial RapidIO on VPX; VITA 46.4 PCI Express on VPX Fabric Connector; VITA 46.7 Ethernet on VPX Fabric Connector; VITA 46.11 System Management for VPX
- DIP switch for system slot settings
- JTAG connections
- Lockable aux utility and sense connectors
- M4 power studs for power supply, max. 22 A per slot for each voltage

SPECIFICATIONS

Table 1/2

Catalog Number	Product Type	Number of Slots	Rack Height	Backplane Type	Slot Width	Connector Type
23001-834	Backplane	9	3U	VPX, VITA 65	5HP	MultiGig
23001-816	Backplane	10	6U	VPX, VITA 65	5HP	MultiGig
23001-815	Backplane	7	3U	VPX, VITA 65	5HP	MultiGig
23001-814	Backplane	7	3U	VPX, VITA 65	5HP	MultiGig
23001-812	Backplane	5	3U	VPX Full-mesh	4HP	MultiGig
23001-813	Backplane	5	3U	VPX Full-mesh	4HP	MultiGig

Table 2/2

Catalog Number	Power Connector Type	Utility Connector Type	Width	Package Quantity	Certifications
23001-834	Powerstuds M4	Microfit, 8-pin	253mm	1	VITA
23001-816	Powerstuds M4	Microfit, 8-pin	262.55mm	1	VITA, RoHS
23001-815	Powerstuds M4	Microfit, 8-pin	186.46mm	1	RoHS, VITA
23001-814	Powerstuds M4	Microfit, 8-pin	186.46mm	1	VITA, RoHS

Catalog Number	Power Connector Type	Utility Connector Type	Width	Package Quantity	Certifications
23001-812	Powerstuds M4	Microfit, 8-pin	120.67mm	1	VITA, RoHS
23001-813	Powerstuds M4	Microfit, 8-pin	120.67mm	1	RoHS, VITA

ADDITIONAL PRODUCT DETAILS

Other VPX Backplanes and custom VPX Backplane designs on request.

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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