

# VPX Backplane

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



## CERTIFICATIONS



## 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       |

| Catalog Number | Product Type | Number of Slots | Rack Height | Backplane Type | Slot Width | Connector Type |
|----------------|--------------|-----------------|-------------|----------------|------------|----------------|
| 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     |
| 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](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.

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