

# 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 |
|----------------|--------------|-----------------|-------------|----------------|------------|----------------|
| 23001-812      | Backplane    | 5               | 3U          | VPX Full-mesh  | 4HP        | MultiGig       |
| 23001-813      | Backplane    | 5               | 3U          | VPX Full-mesh  | 4HP        | MultiGig       |
| 23001-814      | Backplane    | 7               | 3U          | VPX, VITA 65   | 5HP        | MultiGig       |

| CatalogNumber | Product Type | Number ofSlots | Rack Height | BackplaneType | Slot Width | ConnectorType |
|---------------|--------------|----------------|-------------|---------------|------------|---------------|
| 23001-815     | Backplane    | 7              | 3U          | VPX, VITA 65  | 5HP        | MultiGig      |
| 23001-816     | Backplane    | 10             | 6U          | VPX, VITA 65  | 5HP        | MultiGig      |
| 23001-834     | Backplane    | 9              | 3U          | VPX, VITA 65  | 5HP        | MultiGig      |

Table 2/2

| Catalog Number | Power Connector Type | Utility Connector Type | Width    | Package Quantity | Certifications | Quick Ship |
|----------------|----------------------|------------------------|----------|------------------|----------------|------------|
| 23001-812      | Powerstuds M4        | Microfit, 8-pin        | 120.67mm | 1                | VITA, RoHS     | No         |
| 23001-813      | Powerstuds M4        | Microfit, 8-pin        | 120.67mm | 1                | RoHS, VITA     | No         |
| 23001-814      | Powerstuds M4        | Microfit, 8-pin        | 186.46mm | 1                | VITA, RoHS     | No         |
| 23001-815      | Powerstuds M4        | Microfit, 8-pin        | 186.46mm | 1                | RoHS, VITA     | No         |
| 23001-816      | Powerstuds M4        | Microfit, 8-pin        | 262.55mm | 1                | VITA, RoHS     | No         |
| 23001-834      | Powerstuds M4        | Microfit, 8-pin        | 253mm    | 1                | VITA           | No         |

## 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.

### 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**