

# CPCI Serial R3.0 Backplane



The nVent SCHROFF CompactPCI Serial R3.0 backplanes support the highest data transfer rates with PCIe up to Gen 4, 25GbE, USB 3.2 and S-ATA Rev. 3.0

## FEATURES

Conforms to PICMG CompactPCI Serial (CPCI-S.0 R3.0) specification

Supports PCIe Gen 4, 10 Gbase-T, S-ATA 3 and USB 3.2 Gen 2

Ethernet interface is 10GBASE-KR and 10GBASE-T capable and 25GBASE-KR ready

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 1/3

| Catalog Number | Product Type | Number of Slots | Rack Height | Backplane Type                       | System Slot | Slot Width |
|----------------|--------------|-----------------|-------------|--------------------------------------|-------------|------------|
| 23007-729      | Backplane    | 9               | 3U          | CompactPCI Serial with Ethernet Star | Left        | 4HP        |
| 23007-769      | Backplane    | 9               | 3U          | CompactPCI Serial with Ethernet Star | Left        | 4HP        |

Table 2/3

| Catalog Number | Connector Type | Power Connector Type         | Utility Connector Type | Complies With       | Data Transfer | Rear I/O |
|----------------|----------------|------------------------------|------------------------|---------------------|---------------|----------|
| 23007-729      | AirMax VS2     | Power Bugs for M4 Cable Lugs | MicroMatch, 10-pin     | PICMG CPCI-S.0 R3.0 | PCIe Gen4     | No       |

| CatalogNumber | ConnectorType | Power ConnectorType          | Utility ConnectorType | Complies With       | Data Transfer | Rear I/O |
|---------------|---------------|------------------------------|-----------------------|---------------------|---------------|----------|
| 23007-769     | AirMax VS2    | Power Bugs for M4 Cable Lugs | MicroMatch, 10-pin    | PICMG CPCI-S.0 R3.0 | PCIe Gen4     | Yes      |

| Table 3/3      |         |            |
|----------------|---------|------------|
| Catalog Number | Width   | Quick Ship |
| 23007-729      | 181.9mm | No         |
| 23007-769      | 181.9mm | 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](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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