

# CPCI PlusIO Backplane



CompactPCI PlusIO combines the legacy CompactPCI and the new, high speed CompactPCI Serial Technology on one backplane. The CompactPCI PlusIO system slot addresses both, the parallel PCI bus as well as the CompactPCI Serial slots with PCIe, USB, Ethernet and S-ATA.

## 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, PICMG 2.30 R1.0 CompactPCI PlusIO specification, PICMG CompactPCI Serial (CPCI-S.0 R1.0) specification

System slot in accordance with PICMG 2.30, 32-bit CPCI bus on P1, PCIe, S-ATA, USB & Ethernet on P2

CompactPCI peripheral slots, 32 bit with rear I/O on P2

Rear I/O on the CompactPCI Serial slots available on request

CompactPCI Serial peripheral slots with PCIe x1, S-ATA and USB

Full-mesh Ethernet on system slot and 2 CompactPCI Serial slots, supports 1000Base-T and 10GBase-T

V(I/O) can be set to 3.3 V or 5 V (preset to 5 V)

## SPECIFICATIONS

Table 1/2

| Catalog Number | Product Type | Number of Slots | Rack Height | Backplane Type                       | System Slot | Slot Width |
|----------------|--------------|-----------------|-------------|--------------------------------------|-------------|------------|
| 23007-602      | Backplane    | 5               | 3U          | CompactPCI PlusIO, CompactPCI Serial | Middle      | 4HP        |

| Catalog Number | Product Type | Number of Slots | Rack Height | Backplane Type                       | System Slot | Slot Width |
|----------------|--------------|-----------------|-------------|--------------------------------------|-------------|------------|
| 23007-601      | Backplane    | 8               | 3U          | CompactPCI PlusIO, CompactPCI Serial | Middle      | 4HP        |

Table 2/2

| Catalog Number | Voltage I/O | Connector Type    | Power Connector Type         | Utility Connector Type | Width   | Package Quantity |
|----------------|-------------|-------------------|------------------------------|------------------------|---------|------------------|
| 23007-602      | 5V          | HM 2.0, AirMax VS | Power Bugs for M4 Cable Lugs | MicroMatch, 8-pin      | 102.2mm | 1                |
| 23007-601      | 5V          | HM 2.0, AirMax VS | Power Bugs for M4 Cable Lugs | MicroMatch, 8-pin      | 161.3mm | 1                |

## 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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