

Description

The 3U 9-slot CPCI Serial backplane provides one system slot and 8 peripheral slots. The CompactPCI® Serial specification, CPCI S.0 is based on the CompactPCI® mechanical form factor. It supports serial point-to-point connections via a single star backplane architecture and optionally IEEE 802.3 Ethernet standard in a single star or mesh architecture. CompactPCI® Serial backplanes are intended for use in systems requiring symmetrical multiprocessing and component redundancy.

Features

- CompactPCI Serial (PICMG CPCI-S.0) compliant backplane
- 1 x CPCI-S.0 system slot left (CPU) and 8 x CPCI-S.0 Peripheral Slots
- High-speed connectors supporting data transfer rates up to 12Gbps in all 9 slots
- Designed to support Rear Transition Modules
- Single star topology for serial interfaces such as PCI Express, SATA, USB2 and USB3 are provided by the CPCI S.0 system slot
- All 9 slots are connected to each other through a full mesh Ethernet topology
- Europacard form factor in 3U height

Board Specifications

- 3U, 9 slots, system slot left

Mechanical Specifications

- Slot Pitch: 0.8" (20.32 mm)
- PCB size: 182.4 mm x 128.5 mm
- PCB thickness: 4.4 mm

Related Products and Applications

Highly integrated applications such as:

- Transportation/Railways
- Communication
- Safety/Security
- Industrial
- Building technologies



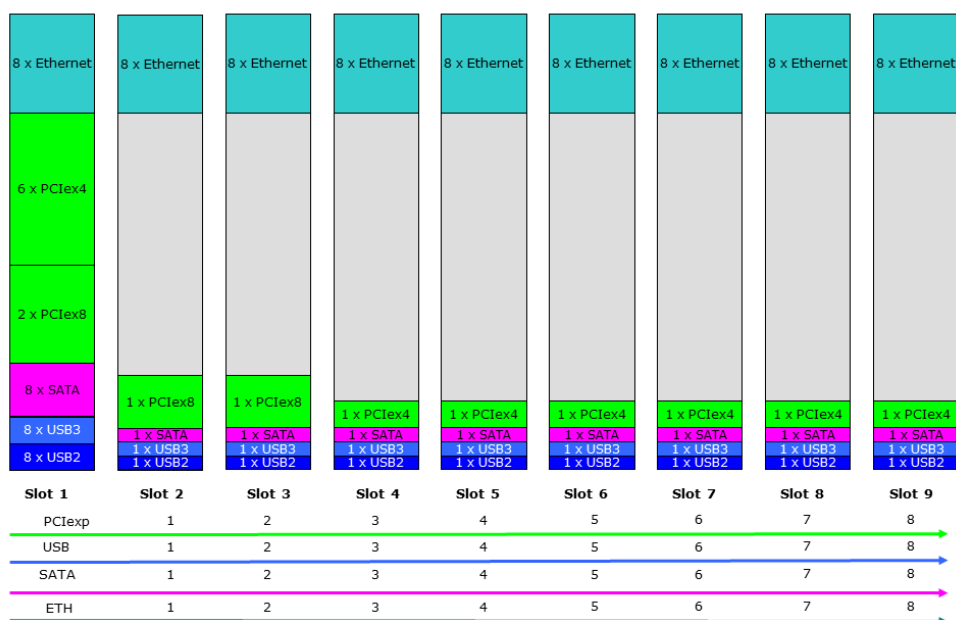
- CompactPCI Serial CPU cards
- Peripheral Boards
- CompactPCI Serial system chassis

3U, 9-slot CompactPCI Serial, System slot left



PICMG Backplanes

Backplane Diagram



Order Information

Height	Total Slots	Description	Part Number
3U	9	3U, 9 slot CompactPCI Serial Backplane, System Slot Left, Ethernet in full-mesh, without Rear IO connectors	1CPCIS-309-L200
3U	9	3U, 9 slot CompactPCI Serial Backplane, System Slot Left, Ethernet in full-mesh, with Rear IO connectors	1CPCIS-309-L210