3U COMPACTPCI® SERIAL BACKPLANE 3 SLOTS, SYSTEM SLOT LEFT, ETHERNET FULL-MESH

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DESCRIPTION

The 3U 3-slot CompactPCI® Serial backplane provides one system slot and two peripheral slots. The CompactPCI® Serial specification, CompactPCI® 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 CompactPCI® S.0) compliant backplane
- 1 x CompactPCI® S.0 system slot left (CPU) and 2 x CompactPCI® S.0 Peripheral Slots
- High-speed connectors supporting data transfer rates up to 12 Gbps in all 3 slots
- Designed to support Rear Transition Modules
- Single star topology for serial interfaces such as PCI Express, SATA, USB 2.0 and USB 3.0 are provided by the CompactPCI® S.0 system slot
- All 3 slots are connected to each other through a full mesh Ethernet topology
- Europacard form factor in 3U heigh
- Temperature Range Operating and Storage: -40°C to +85°C
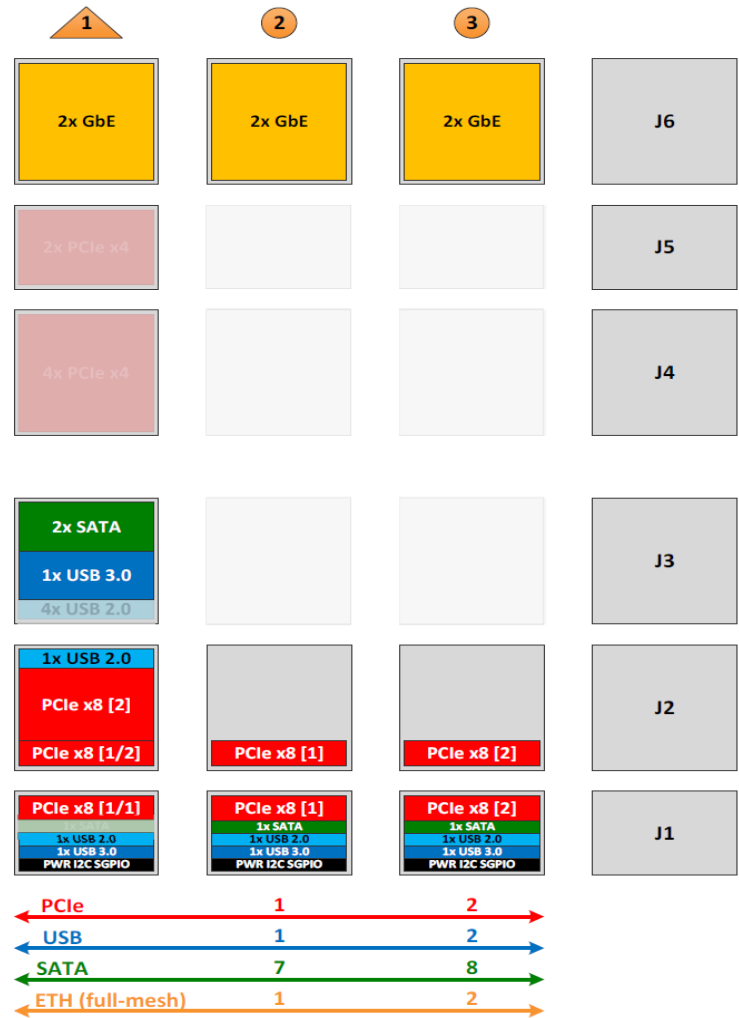
BOARD SPECIFICATIONS

- 3U, 3 slots, system slot left
- Utility connectors for system control and management
- Power in made over M3 power studs

MECHANICAL SPECIFICATIONS

- lot Pitch: 0.8" (20.32 mm)
- PCB size: 60 mm x 128.5 mm
- PCB thickness: 4.4 mm

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BACKPLANE DIAGRAM

ORDER INFORMATION

Hight	Total Slots	Description	Part Number
3U	3	CompactPCI® Serial 3U Backplane with 3 Slots, System Slot Left, Ethernet full-mesh, without connectors for RTMs (Rear Transition Modules)	1CPCIS-303-L200
3U	3	CompactPCI® Serial 3U Backplane with 2 Slots, System Slot Right, Ethernet full-mesh, with connectors for RTMs (Rear Transition Modules)	1CPCIS-303-L210