

# 3U COMPACTPCI® SERIAL BACKPLANE

## 5 SLOTS, SYSTEM SLOT LEFT, ETHERNET FULL-MESH

### DESCRIPTION

The 3U 5-slot CompactPCI® Serial backplane provides one system slot and 4 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

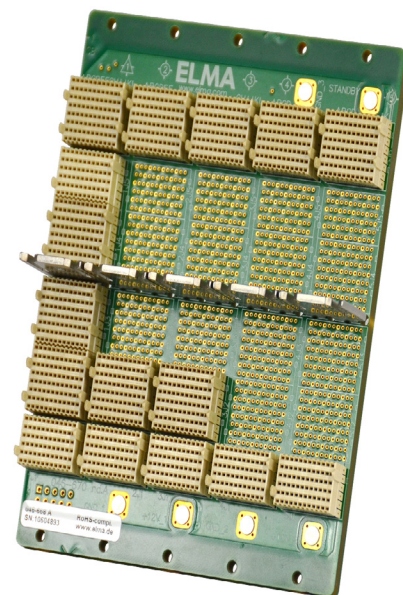
- CompactPCI® Serial (PICMG CompactPCI® S.0) compliant backplane
- 1 x CompactPCI® S.0 system slot left (CPU) and 4 x CompactPCI® S.0 Peripheral Slots
- High-speed connectors supporting data transfer rates up to 12Gbps in all 5 slots
- Designed to support Rear Transition Modules
- Single star topology 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 5 slots are connected to each other through a full mesh Ethernet topology
- Europacard form factor in 3U height
- Temperature Range Operating and Storage: -40°C to +85°C

### BOARD SPECIFICATIONS

- 3U, 5 slots, system slot left
- Utility connectors for system control and management
- Power in made over M3 power studs

### MECHANICAL SPECIFICATIONS

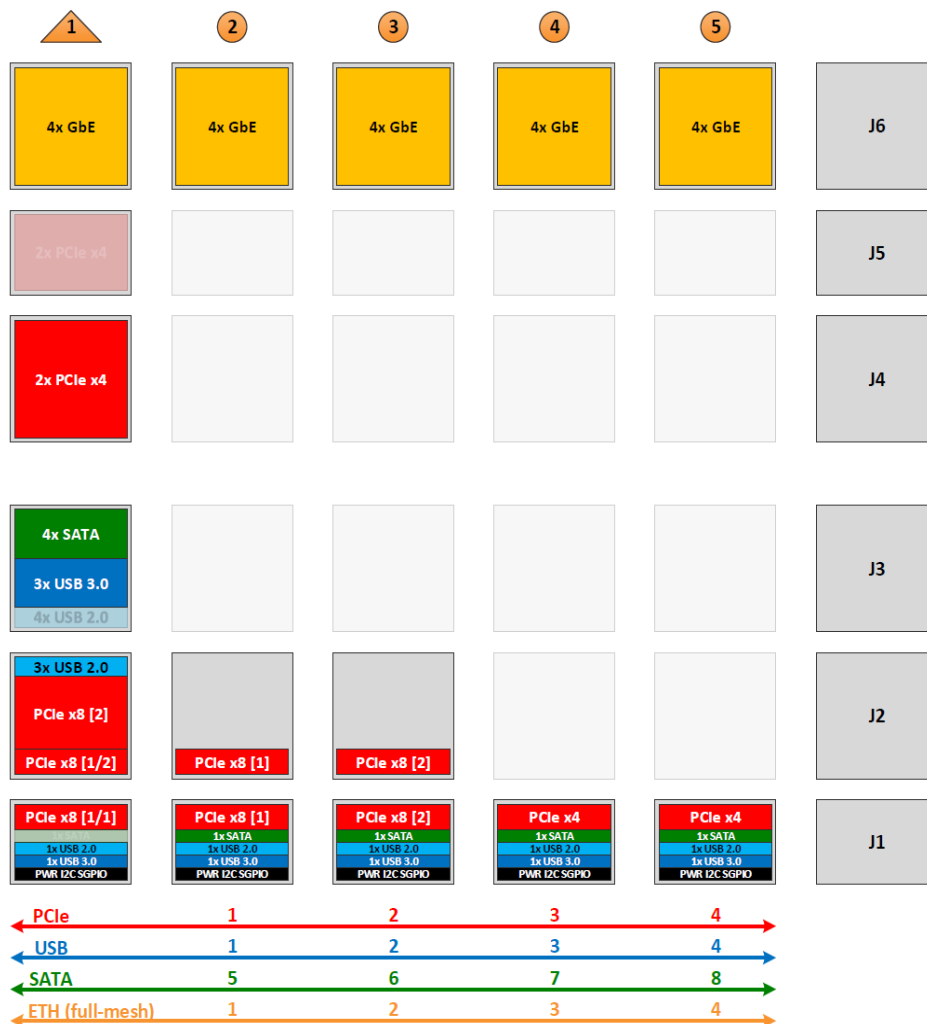
- Slot pitch: 0.8" (20.32 mm)
- PCB size: 100 mm x 128.5 mm
- PCB thickness: 4.4 mm



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### BACKPLANE DIAGRAM



### ORDER INFORMATION

High	Total Slots	Description	Part Number
3U	5	CompactPCI® Serial 3U Backplane with 5 Slots, System Slot Left, Ethernet full-mesh, without connectors for RTMs (Rear Transition Modules)	1CPCIS-305-L200
3U	5	CompactPCI® Serial 3U Backplane with 5 Slots, System Slot Left, Ethernet full-mesh, with connectors for RTMs (Rear Transition Modules)	1CPCIS-305-L210