

# TYPE 15 4U WITH CPCI EXPRESS (EXPO) BACKPLANE



## FEATURES

- 19" rack mount, fully compliant to IEEE 1101.10/11
- 4U x 84HP x 290mm (H x W x D)
- Advanced EMC shielding to meet CE, FCC and NEBS
- 4 or 6-slot cPCI Express (EXPO) Backplane
- 47 pin plug-in 250W cPCI power supply
- Cooling bottom to top (1 x 90 CFM)
- Ready to run - turnkey solution
- Custom configurations available

High quality 19" rack mount chassis platform consisting of scratch resistant, powder coated alodined aluminum enclosures, high performance PICMG 2.0, 2.16, 2.17 or cPCI Express backplane, power supply, cooling system and AC/DC power components. Assembled, wired and tested prior to shipment.

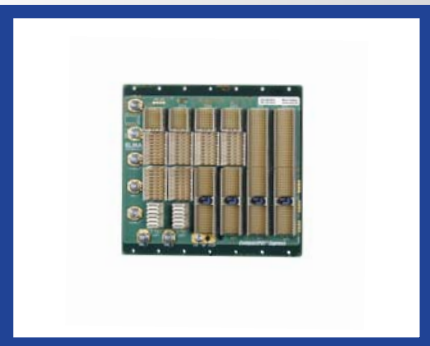
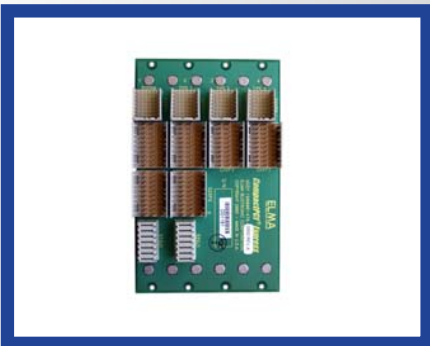
## CPCI EXPRESS BACKPLANE

- PCI Express over 3U CompactPCI form factor
- 4 PCI Express slots
- 4-slot contains (one) system slot, (one) Type 1, (two) Type 2
- 6-slot contains (one) system slot, (one) Type 1, (two) Type 2 and (two) legacy cPCI slots
- System slot -- two ZD and one enriched 2mm HM, power connector
- Type 1 -- two ZD and one enriched 2mm HM, power connector
- Type 2 -- one ZD and one enriched 2mm HM
- The Type 2 slots can be converted to hybrid cPCI/PCIe

CompactPCI Express (EXPO) supports the next generation Intel PCI Express architecture in the familiar 6U-160 Eurocard form factor. CompactPCI Express connects cards via a serial point-to-point bus with a read-only bandwidth of up to (16x) 2.5 Gigabits/second or (8x) 2.5 Gigabits/second full duplex bandwidth. CompactPCI Express provides support for several different card form factors with connectivity in 1x, 2x 4x, and 8x increments. Each link represents one full duplex 2.5 Gigabit/second interconnect path.

The support of legacy 32 or 64 bit CompactPCI boards is accomplished by a PCIe to PCI-X bridge. CompactPCI boards of 33MHz, 66MHz, or 133MHz are possible. Because the CompactPCI Express architecture continues to support the P3, P4 and P5 in all 6U slot types, CompactPCI Express can continue to support for all existing CompactPCI secondary architectures such as PICMG 2.5, 2.20, 2.16, 2.17 and 2.18 either as functions on native CompactPCI Express cards or as legacy cards in the original CompactPCI form.

Elma has developed a 3U CompactPCI Express backplane in 4 and 6-slots. They contain a system slot, one Type 1 slot, and two Type 2 slots. The 6-slot version also has two legacy cPCI slots. The backplanes feature a bridgeable section for a PCI-to-PCIe bridge.



## Order Information

Description	Part Number
cPCI Express, 4U Type 15, 4-slot Backplane	15C04LK948N3VC3X
4-Slot, cPCI Express Backplane, (one) system slot, (one) Type 1, (two) Type 2	1900001476-0000
cPCI Express, 4U Type 15, 6-slot Backplane	15C06UK948V3VC3X
6-Slot, cPCI Express Backplane, (one) system slot, (one) Type 1, (two) Type 2 and (two) legacy cPCI slots	1900001737-0000