

VNX+ I/O Carrier

Model R32 - Conduction Cooled

The VNX+ I/O carrier is a high-speed PCIe connectivity solution that provides seamless integration of the VNX+ system with a wide range of external devices and peripherals. VNX+ Carrier supports 2no.s of industry-standard miniPCIe / Acorpack(R) modules which allows for maximum flexibility and scalability in demanding computing applications. Varied range of miniPCIe / Acropack (R) can be used with the VNX+ carrier which adds to I/O functionalities to VNX+ system like ADC, DAC, Digital I/O, Serial Ports, 1553, ARINC429 etc.

FEATURES

- Standard PCIe interface upstream VITA74 / VITA 90 (200pin connector)
- Two mPCle / Acropack® communication interface downstream
- 50 Input/ Output pin
- Two slots for mini PCIe cards (Full Mini or Half Mini)
- Out of two slots one Slot is compatible for both mini PCIe and mSATA





Expansion Slots

- Slot 1 : Full or Half miniPCle / Acropack® card slot
- Slot 2: Full or Half miniPCle / Acropack® card slot or mSATA card support

I/O Routing

• 50-pin IO routed per slot to 200pin connector.

Power Supply:

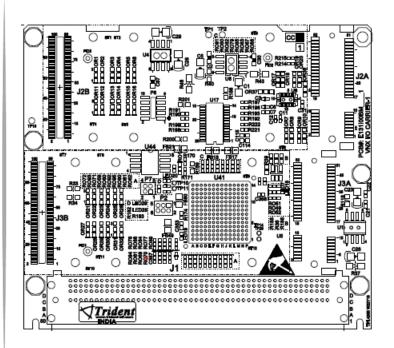
- 3.3VDC Input
- 3.3VDC output for mPCle Cards
- 1V and 1V AUX for PCIE switch IC-internal
- 1.5V output for mPCle Cards

Environmental Specifications:

• Operating Temp: -40°C to +85°C

Dimensions:

89 x 79 x 19 (L x H x W in mm)



* Specifications are subject to change without prior notice



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