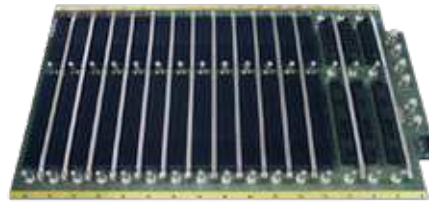


FEATURES

- Size: 17.900" x 10.195" x 0.175"
- 16-slot 6U OpenVPX Gen3 ATR Backplane:
 - (2) 6U OpenVPX Switch Slots
 - (11) 6U OpenVPX Payload Slots
 - Ultra high speed Gen3 >10 Gbaud signaling
 - (3) 6U VITA 62 Power Supply Slots
 - 1.0" pitch
- Interconnect Topology:
 - Central Switch Dual Star Topology – Data Plane and Control Plane
- I/O Connectivity:
 - Supports VPX+ RTM cables for I/O
- -40 to +85°C
- Altitude: 50 kft operating

BACKPLANE SOLUTION 84-173

16-SLOT 6U OPENVPX GEN-3 ATR BACKPLANE SOLUTION FOR ISR APPLICATIONS



MARKET

Military

APPLICATION

Airborne ISR Application

CHALLENGE

Design and manufacture an ATR backplane with (13) high power 6U OpenVPX™ slots with 10 Gbaud signaling and (3) power supply slots supporting 2.7kW MIL-STD-704 power supply.

CONCERNS

Demonstration program required low NRE and quick turn design. We were able to provide a solution that maximized re-use of existing IP to meet the budget and timeframe requirements, while supporting ultra high power and ultra high speed Gen3 >10 Gbaud signaling.

HOW CAN WE HELP REDUCE YOUR RISK?

Atrenne can help you with all of your application-specific backplane and chassis requirements.

The solutions that you see on our website are just a small sample of our past solutions and capabilities. Please browse our solutions and contact us for a consultation.

This application-specific backplane (Solution 84-173) includes (16) 6U OpenVPX Gen3 slots in an ATR style. The backplane uses a central switch topology with (2) switch slots, (11) payload slots and (3) power supply slots. The backplane includes ultra high speed Gen3 >10 Gbaud signaling.

WARRANTY

This product has a one year warranty.

CONTACT INFORMATION

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