

FEATURES

- Size: 12.500" x 10.311" x 0.195"
- Hybrid 11-slot 3U – 6U OpenVPX
- Backplane with mixed pitch
 - (7) 6U OpenVPX 0.85" pitch slots
 - (2) 3U OpenVPX 1.0" pitch slots
 - (2) 6U 0.8" pitch power supply slots
- Cabled I/O
- Interconnect Topology:
 - Custom mesh style topology
 - PCIe, GigE, SATA fabrics
- I/O Connectivity:
 - I/O signal conditioning
 - (8) I/O connectors with application-specific connectivity
- -40 to +55°C operating
- Altitude - 50kft operating



BACKPLANE SOLUTION 58-151

HYBRID 11-SLOT 3U-6U OPENVPX ATR
BACKPLANE SOLUTION FOR ISR
APPLICATIONS



MARKET

Military

APPLICATION

Airborne UAV ISR Application

CHALLENGE

Design and manufacture an airborne ATR hybrid 3U/6U OpenVPX backplane.

CONCERNS

Program required hybrid 3U-6U OpenVPX backplane, with quick-turn delivery requirements.

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 what we have done. Please browse our solutions and contact us for a consultation.

This application-specific designed OpenVPX Backplane (Solution 58-151) supports (2) 3U OpenVPX, (7) 6U OpenVPX, and (2) power supply slots with mixed pitch, as well as PCI Express® (PCIe), GigE, SATA fabrics and I/O signal conditioning. The backplane supports -40 to 55°C operation, and 50,000 ft altitude. The backplane includes EMI/EMC filtering to Mil-STD-461E standard.

WARRANTY

This product has a one year warranty.

CONTACT INFORMATION

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