

FEATURES

- Size: 16.64" x 10.317" x 0.230"
- Hybrid 20-slot application-specific VME64x/VXS backplane:
 - (8) slots VME64x
 - (2) VXS switch slots
 - (10) VXS payload slots
- One of (3) Different application-specific backplane configurations with different hybrid mixtures and different I/O
- VXS Star Topology:
 - (2) 4x serial fabric ports on each VXS Payload Slot routed to VXS Switch Slot
 - Per ANSI/VITA 41
- VMEbus to VME and VXS payload slots per ANSI/VITA 1.1
- I/O Connectivity:
 - (5) Cable I/O connectors with application specific I/O signals
- (8) Stiffeners for rigidity
- Conformal Coating Type UR
- 0 to +50°C operating
- Environmentally compatible for shipboard below deck application

BACKPLANE SOLUTION 36-135

RUGGED 20-SLOT HYBRID VME64X/VXS BACKPLANE SOLUTION FOR EW APPLICATIONS



MARKET

Military

APPLICATION

Shipborne EW Application

CHALLENGE

Design and manufacture (3) different application-specific 20-slot hybrid VME64x/VXS backplanes for shipborne EW application.

CONCERNS

Program required (3) different high performance application-specific hybrid backplanes to fit into constrained space.

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 backplane (Solution 36-135) includes (8) VME64x slots, (2) VXS switch slots, and (10) VXS payload slots. This hybrid backplane is one of (3) different application-specific backplane configurations with different I/O options. It includes application-specific I/O signals and connectors. Designed to operate at 0 to +50°C, this backplane is designed for use in an air-cooled rugged rackmount chassis in shipborne below deck applications.

WARRANTY

This product has a one year warranty.

CONTACT INFORMATION

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