

## FEATURES

- Configurable for up to 7 slots of 3U VPX or CompactPCI modules with an additional 3U Vita 62 compliant power supply slot
- OpenVPX supporting 10GB Ethernet
- Flexibility to mount as either a base or side panel application.
- Side air plenum to direct air over exterior cooling fins, designed to maximize front panel useable surface for increased I/O capabilities

# CHASSIS SOLUTION 717-SM SERIES ATR

AIR ASSISTED, CONDUCTION COOLED ATR



## MARKET

Military and Aerospace

## APPLICATION

The air over conduction cooled 717-SM Series ATR is designed to perform in the harshest environments and can be deployed in a range of land, sea and air applications. Typical applications involve SIGNIT, ISR and EW where high level processing and throughput is required.

## CHALLENGE

The 717- SM Series continues to provide the industry with a baseline of proven and qualified designs where performance and reliability are at the highest levels as demanded by the most discerning customer.

## 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 consultation.

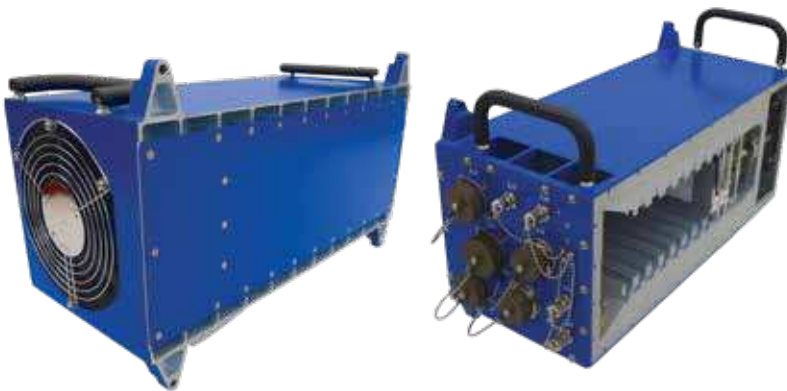
PHYSICAL	
Width	7.67"
Height	8.22" (10.5" with mounting flanges)
Depth	18.70"
Construction	Dip brazed aluminum
Weight	35lbs (including power supply)
ENVIRONMENTAL	
Operating Temperature	-54°C to 55°C
Storage Temperature	-55°C to 85°C
Cooling	Air cooled side walls (Side air intake, rear exhaust)
Altitude	50k ft.
Humidity	90%RH Mil-STD-810G 520.4

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ENVIRONMENTAL CONTINUED	
Shock	20G 11ms Mil-STD-810G 5.16.7-10 Procedure I
Vibration	Mil-STD-810G, Method 514.7 Procedure I
Safety	Crash Hazard: 2 x 20G 11ms shock, Mil-STD-810G Method 516.7 Explosive Atmosphere: Mil-STD-810G Method 511.6 Procedure I
EMC	Mil-STD-461 CE102 and CS101
POWER/ELECTRICAL	
DC Input	28VDC per Mil-STD-704
Backplane Connectors	7 slots 3U VPX or 3U CompactPCI +1 VITA 62 Power Connector
Connector Pitch	1 in IAW VITA 48.2
CONSTRUCTION	
Power Supply	Pluggable 3U Power Supply
Card cage	Dip brazed aluminum 6061
BACKPLANE	
	OpenVPX (VITA 65) or CompactPCI
	Mechanical IAW VITA 48.2



## WARRANTY

This product has a one year warranty.

## CONTACT INFORMATION

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