

# Product Information Sheet

## Half ATRS Liquid Cooled Chassis

### ARINC 404A Specification



#### Specifications:

Properties	Limits	Appropriate Standards
<b>Temperature</b>		MIL-STD-810G
Operating	-55°C to +70°C	Method 501.3 Proc II
Storage	-62°C to +95°C	Method 502.3 Proc II
<b>EMC</b>	CE01,02,CS01,03,06 RE01,02,RS01,02,03	MIL-STD-461F
<b>Power Inputs</b>	28 VDC 115 VAC	MIL-STD-704F
<b>Power (Internal)</b>	+5V@90A, +3V3@90A +12V@3A, -12V@1.5A Subject to 500W max	800W max @ 55°C ambient (85°C max at thermal interface)
<b>Physical Properties</b>		
Mass	11Kg	Inc. PSU, Backplane & I/O
Size	124.7x320.5x193.5mm	ARINC 404A
Card Slots	3U 7 slots maximum	IEEE1101.2 / VITA 48.1
IP Rating	IP68 / 1M immersion	MIL-STD-810G (Method 512.5)
Vibration	0.1g <sup>2</sup> / 15 to 2000Hz	MIL-STD-810G (Method 514.6)
Shock	20g / 11mS	MIL-STD-810G (Method 516.6)
Acceleration	13.5g	MIL-STD-810G (Method 513.6)
Altitude	50,000ft	MIL-STD-810G (Method 500.5)
Humidity	95% NC / 240Hrs	MIL-STD-810G (Method 507.5)
Salt Fog	5% / 48Hrs	MIL-STD-810G (Method 509.5)
Fungal Growth	No Growth	MIL-STD-810G (Method 508.6)
Sand & Dust	Dust @ 1750ft/min Sand @ 5700ft/min	MIL-STD-810G (Method 510.5)
Cooling Medium	Glycol, Kerosene, PAO, Salt water, De-ionised Water.	



**Designed To Operate in The Toughest Environments**