

Product Information Sheet

Half ATR Short Form Factor

ARINC 404A Specification



Specifications:

Properties	Limits	Appropriate Standards
Temperature		MIL-STD-810G
Operating	-55°C to +70°C	Method 501.5 Proc I,II,III
Storage	-62°C to +95°C	Method 502.5 Proc I,II,III
Thermal Shock	3°C / Min	Method 503.5 Proc I (a,b,c)
EMC	CE101,102,CS101,103,106 RE101,102,RS101,103,105	MIL-STD-461F
Power Inputs	28 VDC 115 VAC	MIL-STD-704F
Power (Internal)	+5V@25A, +3V3@25A +12V@25A, -12V@2A Subject to 500W max	Convection cooled 120W max Forced air cooled 300W max Liquid cooled 750W max (@55°C ambient. 85°C interface)
Physical Properties		
Mass	6Kg	Inc. PSU, Backplane & I/O
Size	124.7x320.5x193.5mm	ARINC 404A
Card Slots	3U 7 max or 6U 5 max	IEEE1101.2 / VITA 48.1
IP Rating	IP68 / 1M immersion	MIL-STD-810G (Method 512.5)
Vibration	0.1g ² / 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)



Designed To Operate in The Toughest Environments