



1G/10G Ethernet AdvancedMC



Mechanical

Conforms to AMC.0 R2.0

Power Requirements

Max Power Dissipation: 2.88W

Environmental

Operating

- Temperature: -5° to 55°C
- Humidity (RNC): 10% to 85% non-condensing
- Altitude: 4,000m / 13,000 ft @40°C
- Shock: 10g 11ms half-sine
- Vibration: 5-100Hz @ 1g sine sweep
Random 5-20Hz @ 0.01g²/Hz; 20-500 -3dB slope

Storage and Transit

- Temperature: -40° to 70°C
- Humidity (RNC): 10% to 90% non-condensing
- Altitude: 12,192m / 40,000 ft
- Shock: 40g 6ms half-sine, 500/axis
- Vibration: 5-50Hz @ ½g 50-100Hz @ 3g sine sweep
Random 5-20Hz @ 0.01g²/Hz; 20-500 -3dB slope

Reliability and Serviceability

- MTBF: 1,622,712 hours

Reliability prediction was done using Issue 1, Method I, Case 3 of the Telcordia Industrial Reliability program. The prediction assumed 25°C operating temperature with 100% duty cycle, in a ground benign, controlled environment.

- 2 year limited warranty

Regulatory Compliance

- Designed for NEBS/ETSI Compliance
- CE Certification with national deviations
- Safety: UL/cUL 60950-1:2007; TUV CB EN/IEC 60950-1:2001
- EMI/EMC: FCC 47 CFR Part 15 Class B; EN 55022:2006; EN 55024:1998; VCCI-A

Ordering Information

AMC10G-CX4 - AMC.2 Type 5 and AMC.2 Type E1 with 10GBase-CX4 and 10/100/1000Base-T

PRODUCT FEATURES

Mid-Size AMC form factor

PICMG AMC.0 R2.0 compliant

10Gb Ethernet PICMG AMC.2 Type 5

1Gb Ethernet PICMG AMC.2 Type E1

10GBase-CX4 connected to the fat pipe region, ports 8-11

10/100/1000Base-T connected to the common options, region port 0

On board IPMI controller