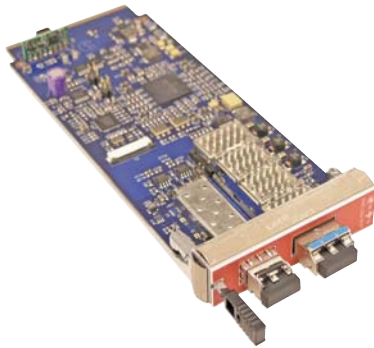




## 1G/10G Ethernet AdvancedMC



### Mechanical

Conforms to AMC.0 R2.0

### Power Requirements

Max Power Dissipation: 6.82W

### 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 @ 0.01g<sup>2</sup>/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 @ 0.01g<sup>2</sup>/Hz; 20-500 -3dB slope

### Reliability and Serviceability

- MTBF: 1,197,323 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-XFP** - AMC.2 Type 5 and AMC.2 Type E1 with XFP and SFP

## 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

XFP connected to the fat pipe region,  
ports 8-11

SFP connected to the common options,  
region port 0

On board IPMI controller