



AdvancedMC Video/Ethernet Module



KEY PRODUCT FEATURES

- AMC.1 Type 4 Mid-Size Module
- Standard VGA Front Panel Support
- Standard 10/100/1G Ethernet Front Panel Support
- AMC.0 IPMI Support

Bus Interface

- x8 PCI Express to AMC Fabric Interface
- Onboard 32-bit PCI bus

I/O

- RJ45 Connection for 10/100/1G Ethernet
- Analog Video
- I2C via IPMI per AMC.0 R2.0

Video

- DB15 CRT Connector
- Support resolutions up to 1600x1200 @ 75Hz
- 32-bit/33MHz PCI Interface

Ethernet

- Intel 82573E 10/100/1G Ethernet Controller
- x1 PCIe Interface
- 2Gb/s per direction bandwidth
- 8Mb Flash Memory
- RJ45 connection on Face Plate
- PXE Boot ROM

PCI Express Bridge

- Intel PEX8112 PCI Express to PCI Bridge
- Converts a single X1 PCI Express interface to a 32-bit/66MHz PCI Bus

IPMI

- I2C interface compliant to AMC.0
- Dual Temperature sensing modules
- Onboard FRU EEPROM

OS Compatibility

Windows XP Pro, Windows 2003 Server, Solaris 10, Cent OS, SUSE 11, Ubuntu 8.10
- Contact DTI for other available options

Mechanical

- Conforms to AMC.0 R2.0
- Mid-Size AMC

Power Requirements

Input power 13.55W

ICC typical:

+12V	12.79W
+3.3V	0.76W

Reliability

- MTBF: 668,567 hours @ 25°C / 77°F
(Telcordia Issue 1, Method I, Case 3 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 60950-1:2003; TUV CB EN/IEC 60950-1:2001
- EMI/EMC: FCC 47 CFR Part 15 Class B; EN 55022:2006; EN 55024:1998

Ordering Information

AMCLVT-2

VGA and 1GB Ethernet AdvancedMC Module