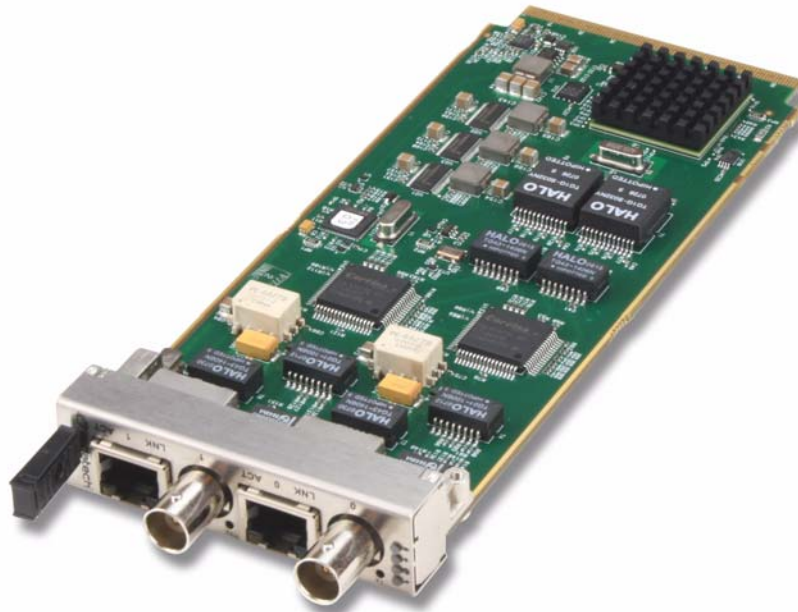




KEY FEATURES

- AMC.1
- Single-width, Mid-height (Full-height option available)
- Dual 10-Base2 Ethernet ports
- Dual 10-BaseT Ethernet ports as media converter
- PCIe x4 lanes
- IPMI 2.0 compliant
- RoHS compliant
- OS support for:
 - Linux
 - Windows
 - Solaris
 - VxWorks

The AMC207 is a dual-port 10-Base2 (with two additional 10-BaseT ports as media converter) AdvancedMC™ (AMC) module. VadaTech offers this product in a single-width, mid-height form factor based on the AMC.1 specification (option for full-height design, see ordering options).

The 10-Base2 50 Ohm termination is set by a jumper on the board.

VadaTech can modify this product to meet special customer requirements without NRE (minimum order placement is required).

AdvancedMC™

AMC Dual Port 10-Base2 with 10-BaseT Ethernet

SPECIFICATIONS

Architecture		
Physical	Dimensions	Single-Width, Mid-Height (with Full-Height option)
		Width: 2.89 in. (73.5 mm)
		Depth: 7.11 in. (180.6 mm)
Type	AMC Ethernet	Dual port 10-Base2 Ethernet with two 10-BaseT ports as media converter
		10-Base2 and 10-BaseT
		IP, TCP, and UDP checksum offloading capabilities
Standards		
AMC	Type	AMC.1
Module Management	IPMI	IPMI Version 2.0
PCIe	Lanes	x4
Configuration		
Power	AMC207	4W
Environmental	Temperature	Operating Temperature: 0° to 65° C (Air flow requirement is to be greater than 200 LFM)
		Storage Temperature: -40° to +90° C
	Vibration	1G, 5-500Hz each axis
	Shock	30Gs each axis
	Relative Humidity	5 to 95 percent, non-condensing
Front Panel	Interface Connectors	Two BNC and two RJ-45
	LEDs	IPMI Management Control
		Activity and Link
	Mechanical	Hot Swap Ejector Handle
Software Support	Operating Systems	Linux, Windows, Solaris and VxWorks
Other		
MTBF	MIL Spec 217-F >TBD	
Certifications	Designed to meet FCC, CE and UL certifications where applicable	
Standards	VadaTech is certified to both the ISO9001:2000 and AS9100B:2004 standards	
Compliance	RoHS and NEBS	
Warranty	Two (2) years	
Trademarks and Logos	The VadaTech logo is a registered trademark of VadaTech, Inc. Other registered trademarks are the property of their respective owners. AdvancedMC™ and the AdvancedTCA™ logo are trademarks of the PCI Industrial Computers Manufacturers Group. All rights reserved. Specification subject to change without notice.	

AMC Dual Port 10-Base2 with 10-BaseT Ethernet

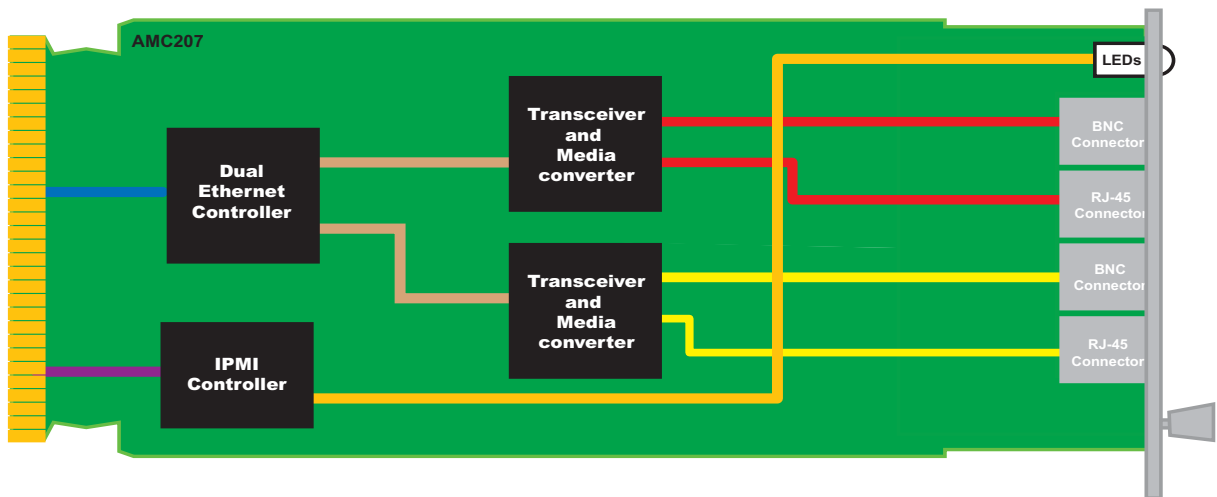


FIGURE 1. AMC207 Functional Block Diagram

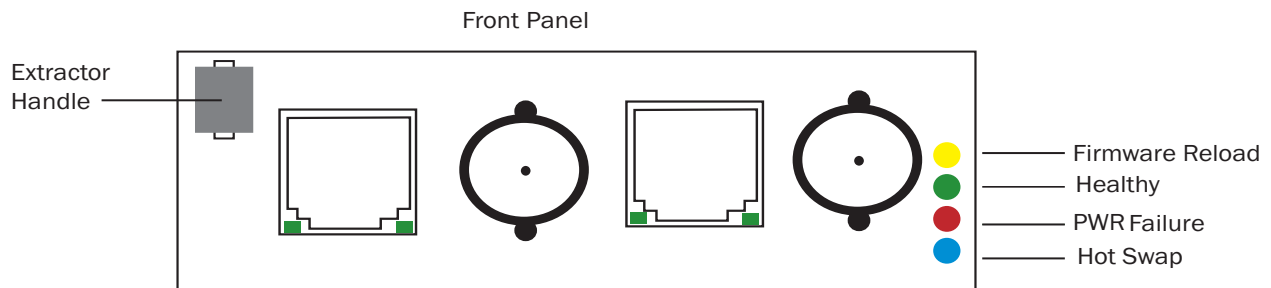


FIGURE 2. AMC207 Front Panel

AMC Dual Port 10-Base2 with 10-BaseT Ethernet

ORDERING OPTIONS

AMC207 - 00C - 000 - 00J

C = Front Panel Height

- 1 = Reserved
- 2 = Mid-Height
- 3 = Full-Height

J = Conformal Coating

- 0 = None
- 1 = Humiseal 1A33 Polyurethane
- 2 = Humiseal 1B31 Acrylic



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