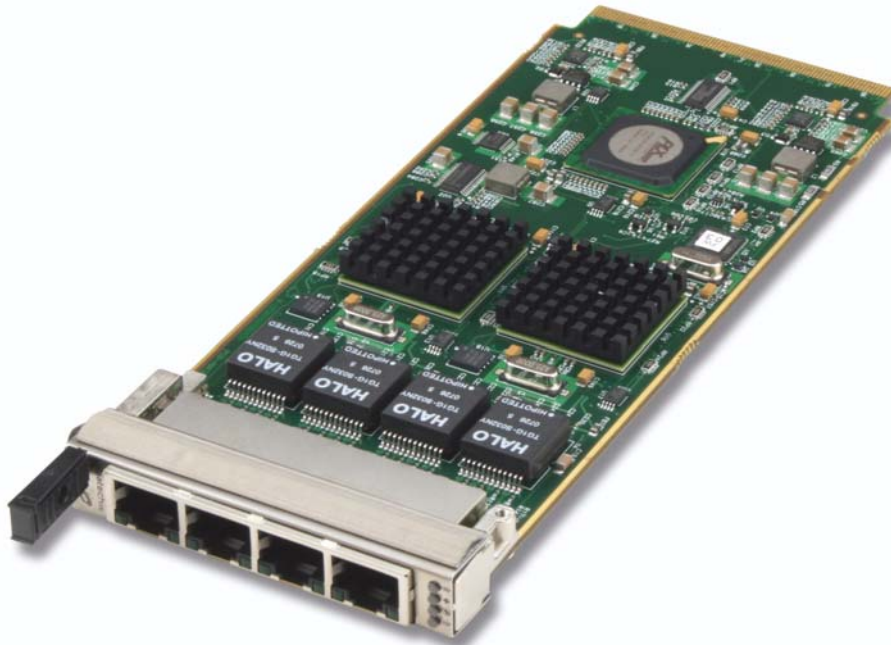




KEY FEATURES

- AMC.1 and/or AMC.2
- Single-width, half-height (mid-height and full-height options available)
- Four Gigabit Ethernet ports
- PCIe x4 lanes
- IPMI 2.0 compliant
- RoHS compliant
- OS support for:
 - Linux
 - Windows
 - Solaris
 - VxWorks

The AMC206 is a four port Gigabit Ethernet (GbE) AdvancedMC™ (AMC) module. VadaTech offers this product in a single-width, half-height form factor based on the AMC.1 specification (option for mid-height and full-height design, see ordering options). The module has an option to have all four ports routed to the Front RJ-45 jacks or to have two of the ports routed to the back based on the AMC.2 specification.

The AMC206 is based on the latest Intel® Gigabit Ethernet controller (82575 chip).

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

AdvancedMC™

AMC Quad Port Gigabit Ethernet

SPECIFICATIONS

Architecture		
Physical	Dimensions	Single-Width, Half-Height (with Mid or Full-Height options)
		Width: 2.89 in. (73.5 mm)
		Depth: 7.11 in. (180.6 mm)
Type	AMC GbE	Four port Gigabit Ethernet
		10/100/1000 Mbps operation - Copper
		1000 Mbps operation - to the AMC.2 backplane
		IP, TCP, and UDP checksum offloading capabilities
Standards		
AMC	Type	AMC.1 and/or AMC.2
Module Management	IPMI	IPMI Version 2.0
PCIe	Lanes	x4
Configuration		
Power	AMC206	8W
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	Four copper RJ-45 connectors
	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 Quad Port Gigabit Ethernet

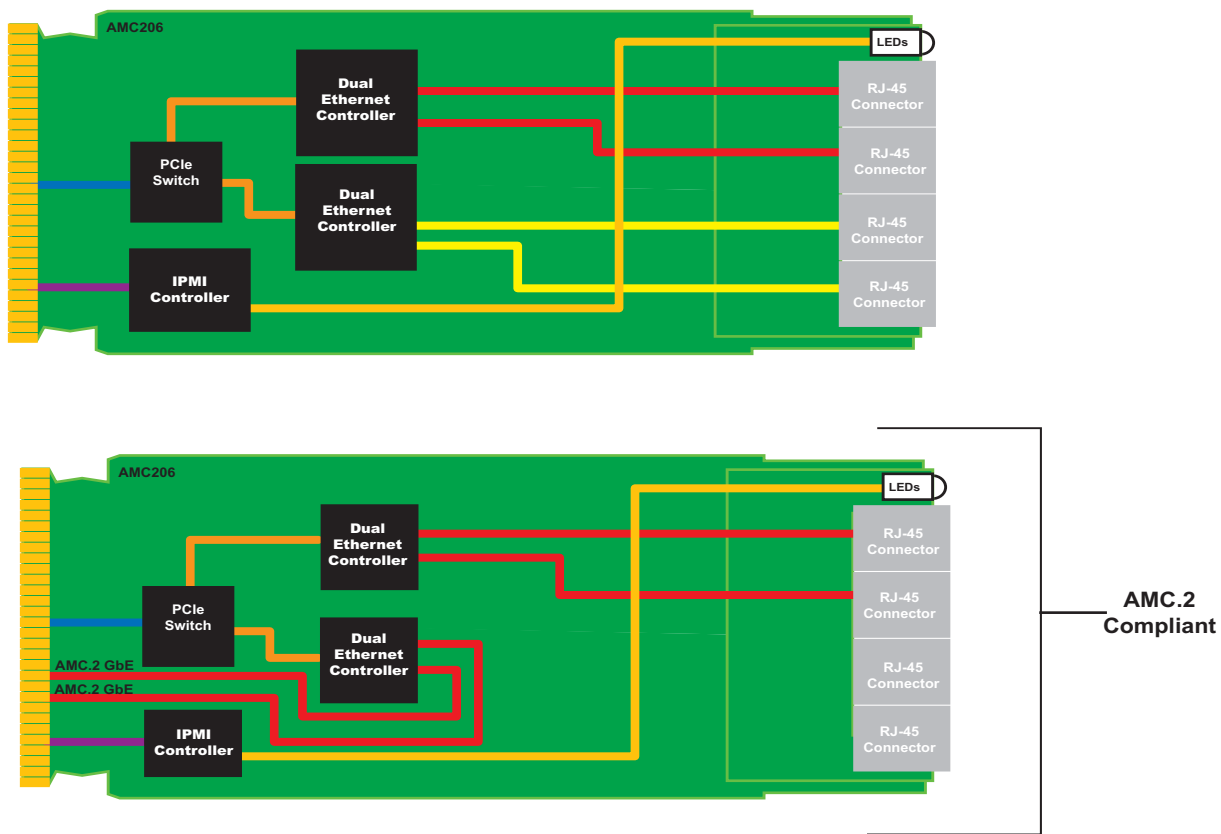


FIGURE 1. AMC206 Functional Block Diagram

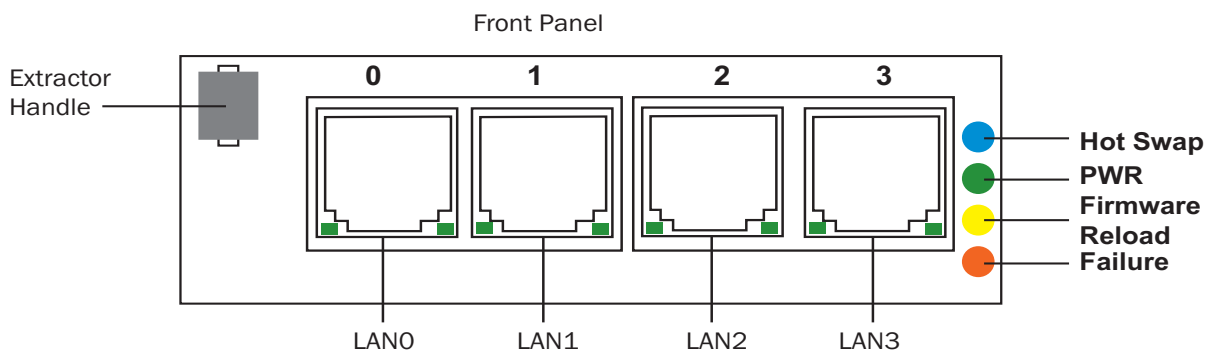


FIGURE 2. AMC206 Front Panel

AMC Quad Port Gigabit Ethernet

ORDERING OPTIONS

AMC206 - AOC - 000 - 00J

A = Interface

- 1 = AMC.1 (four ports to the front)
- 2 = AMC.1 and AMC.2 (two ports to the front and two ports to the rear)

C = Front Panel Height

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

J = Conformal Coating

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



Document No _____ Date: October 8 2007

