KEY FEATURES

- AMC.1
- Single-width, half-height* (mid-height and full-height options available)
    - *Patent-pending design allows standard front panel I/O connectivity in a half-height AMC compliant form factor
- Dual 100-BaseFX Ethernet ports
- PCIe x4 lanes
- IPMI 2.0 compliant
- RoHS compliant
- OS support for:
    - Linux
    - Windows
    - Solaris
    - VxWorks

The AMC208 is a dual-port 100-BaseFX AdvancedMC^{TM} (AMC). 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).

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

AdvancedMC^{TM}

SPECIFICATIONS

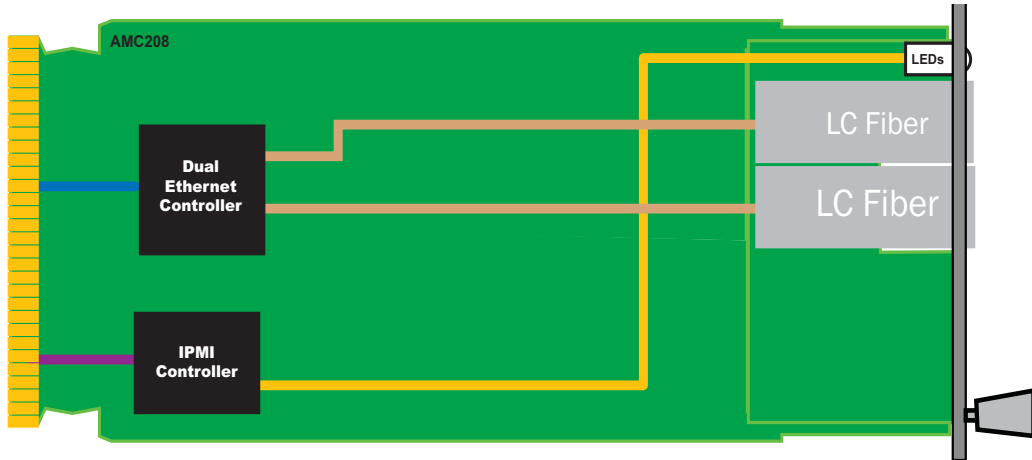| Architecture		
Physical	Dimensions	Single-Width, Half-Height (with Mid or Full-Height options)
		Width: 2.89 in. (73.5 mm)
		Depth: 7.11 in. (180.6 mm)
Type	AMC Ethernet	Dual port 100-BaseFX
		IP, TCP, and UDP checksum off-loading capabilities
Standards		
AMC	Type	AMC.1
Module Management	IPMI	IPMI Version 2.0
PCIe	Lanes	x4
Configuration		
Power	AMC208	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 fiber LC ports
	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[TM] and the AdvancedTCA[TM] logo are trademarks of the PCI Industrial Computers Manufacturers Group. All rights reserved. Specification subject to change without notice.	

FIGURE 1. AMC208 Functional Block Diagram

FIGURE 2. AMC208 Front Panel
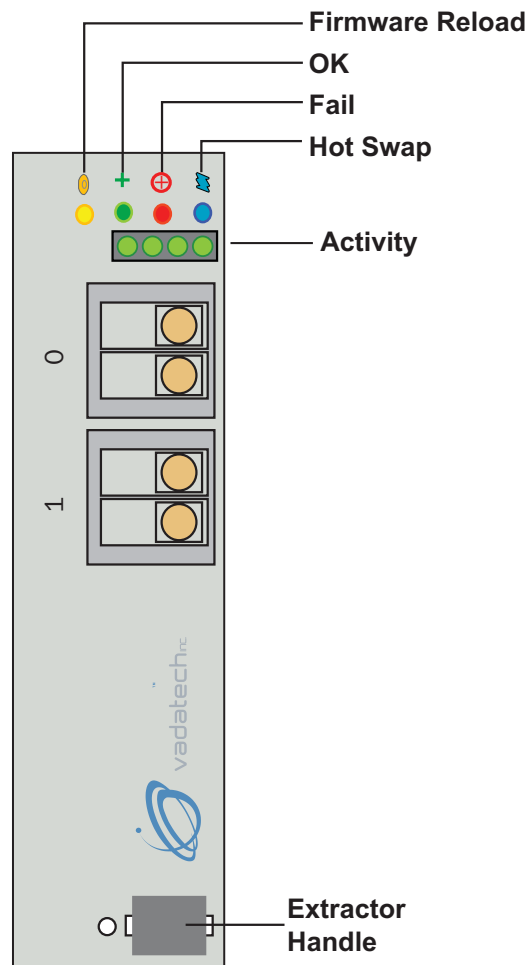
ORDERING OPTIONS

AMC208 - 00C - 000 - 00J

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

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