

# AMC212



## KEY FEATURES

- AMC.1 compliant
- PCIe Gen2 interface x2 lane
- Single Express Card slot
- ExpressCard/54 form factor
- Excellent for Wireless LAN 802.11a/b/g/n, WiFi, Solid State Disk, etc.)
- OS support for:
  - OS independent

The AMC212 is a single-width, half-height (mid or full-height option available) AdvancedMC™ (AMC) based on the AMC.1 specification. The AMC212 provides a single ExpressCard/54 slot. The AMC212 can also take the ExpressCard/34 format.

The AMC212 has an x2 lane PCIe Gen2 interface to the host.

The ExpressCard provides a very easy way to add hardware or media to system such as Wireless LAN WiFi IEEE 802.11ab/g/n, Solid State Disk (SSD), Multimedia cards, etc. The ExpressCard module is hot-swappable.

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

**AdvancedMC™**

# AMC ExpressCard Module (WiFi, SSD, etc.)

## SPECIFICATIONS

Architecture		
Physical	Dimensions	Single-Width, Mid-Height Front Panel (option for full-height)
		Width: 2.89 in. (73.5 mm)
		Depth: 7.11 in. (180.6 mm)
Type	AMC ExpressCard	ExpressCard/54
Standards		
AMC	Type	AMC.1
Module Management	IPMI	IPMI Version 2.0
PCI	Lanes	x1
Configuration		
Power	AMC212	3W without the Express Card
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
Front Panel	Relative Humidity	5 to 95 percent, non-condensing
	Interface Connectors	Single slot Express/54
	LEDs	IPMI Management Control
	Mechanical	Hot Swap Ejector Handle
Software Support	Operating Systems	Independent
Other		
MTBF	MIL Handbook 217-F > TBD Hrs.	
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.	
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# AMC ExpressCard Module (WiFi, SSD, etc.)

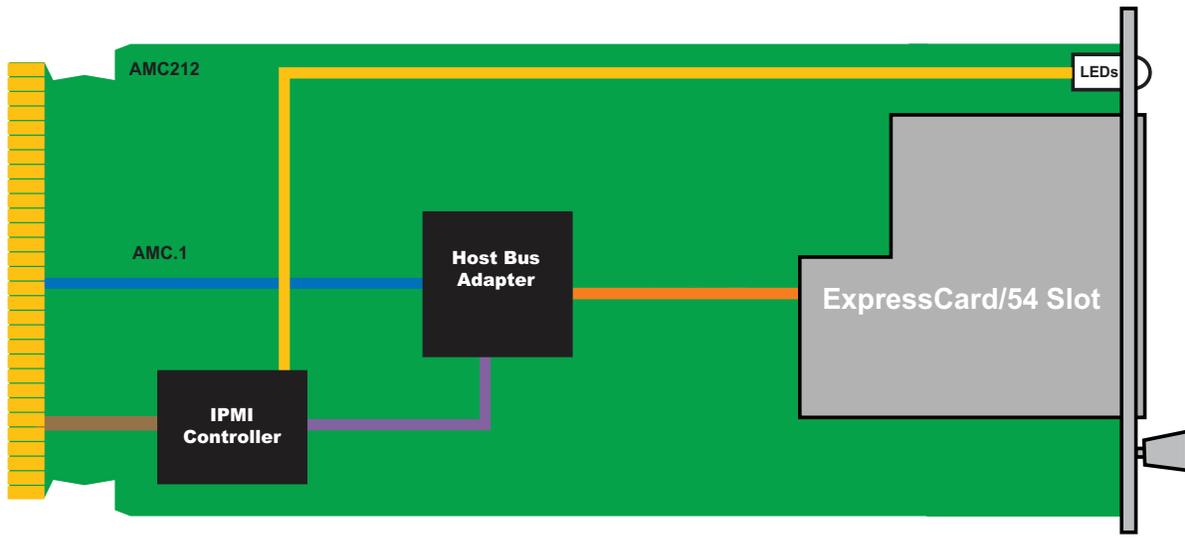
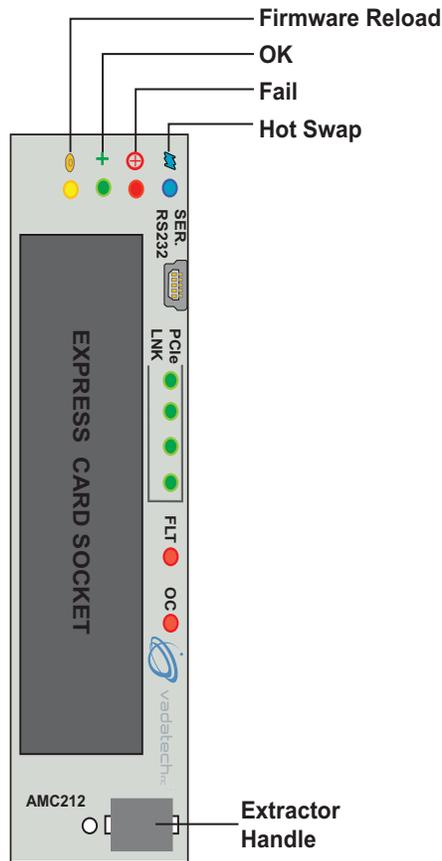


FIGURE 1. AMC212 Functional Block Diagram

FIGURE 2. AMC212 Front Panel



## ORDERING OPTIONS

AMC212 - 00C - 000 - OHJ

**H = Operating Temp**

- 1 = Commercial
- 2 = Industrial

**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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