



KEY FEATURES

- AMC.1
- Five USB 2.0 ports
- One EHCI-compliant Host Controller for High-Speed (Rev. 2.0) operation
- Two OHCI-compliant Host Controllers for classical (Low or Full) Speed operation
- USB 2.0 certified (Test ID = 80000026)
- IPMI 2.0 compliant
- RoHS compliant
- OS support for:
 - Linux
 - Windows
 - Solaris
 - VxWorks

The AMC310 is a five-port USB AdvancedMC™ (AMC). VadaTech offers this product in a single-width, full-height form factor based on the AMC.1 specification. The AMC310 provides five USB ports accessible through the front panel, supporting Revision 2.0.

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

AdvancedMC™

AMC Five Port USB Adapter

SPECIFICATIONS

Architecture		
Physical	Dimensions	Single-Width, Full-Height
		Width: 2.89 in. (73.5 mm)
		Depth: 7.11 in. (180.6 mm)
Type	AMC Serial	USB 2.0
	USB (5) Ports	All ports can handle high-speed (480 Mbps), full-speed (12 Mbps), and low-speed (1.5 Mbps) modes of operation
Standards		
AMC	Type	AMC.1
Module Management	IPMI	IPMI Version 2.0
PCIe	Lanes	x4
Configuration		
Power	AMC310	3W (without any devices connected to the ports)
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	Five USB type A receptacles
	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 >417,000 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	
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 Five Port USB Adapter

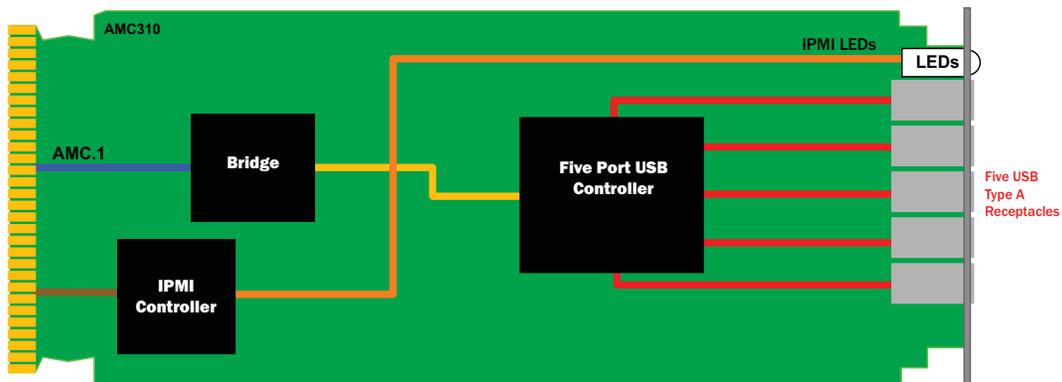


FIGURE 1. AMC310 Functional Block Diagram

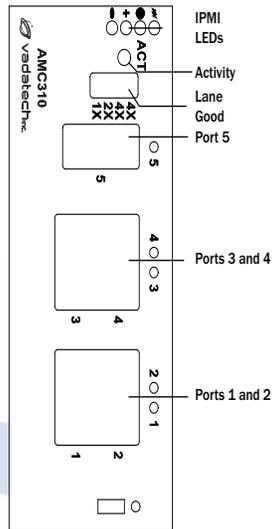


FIGURE 2. AMC310 Front Panel

ORDERING OPTIONS

C = Front Panel

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

AMC310 - 00C - 000 - 00J

J = Conformal Coating

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

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