AMC000

vadatech inc
™ THE POWER OF VISION

KEY FEATURES

- Single-width, half-height
- 32-bit IPMI RISC processor
- Front Panel accessible I/O for monitoring IPMI traffic
- I/O signals routed to 2mm header
- Front Panel LED to indicate status
- All differential pairs routed for ease of access
- IPMI 2.0 compliant
- RoHS compliant

The AMC00 is designed for development of IPMI software for the Advanced Mezzanine Card (AMC) form factor. The AMC000 has all necessary hardware to implment the AMC.0 specification. All the I/O signals are routed to the front or to the 2mm headers on board for ease of access. The AMC000 may also be powered on a bench during code development. All the differential pairs are routed for ease of access. This design is based on the VadaTech VT026 schematic which applies to all VadaTech AMC designs.

Front panel reset switch allows the CPU to be reset independent of the shelf manager.

AdvancedMC™

SPECIFICATIONS

Architecture		
Physical	Dimensions	Single-Width, Half-Height
		Width: 2.89 in. (73.5 mm)
		Depth: 7.11 in. (180.6 mm)
Product Type	AMC Development	All I/O signals are accessible via the front panel
		All differential pairs are routed for ease of access

Standards		
AMC	Type	AMC.0
Module Management	IPMI	IPMI Version 2.0

Configuration		
Power	AMC000	< 0.1W
Environmental	Temperature	Operating Temperature: -20° to 75° C
		Storage Temperature: -40° to +95° C
	Vibration	1G, 5-500Hz each axis
	Shock	30G each axis
	Relative Humidity	5 to 95 percent, non-condensing
Front Panel	LEDs	IPMI Management Control
		Payload power, power good, reset, etc.
	Mechanical	Hot Swap Ejector Handle

Other	
MTBF	MIL 217-F > 450,000 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	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.

ORDERING OPTIONS

AMC000 - 00C - 000 - 000

C = Front Panel

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