

SPECIFICATIONS

Architecture		
Physical	Dimensions	Double-module, full-size
		Width: 5.85 in. (148.5 mm) Depth: 7.11 in. (180.6 mm)
Type	AMC Processor	Intel® v4 Generation Xeon E5 with fourteen cores up to 1.8 GHz
Standards		
AMC	Type	AMC.2 and AMC.3
Module Management	IPMI	IPMI Version 2.0
XAUI / PCIe	Lanes	40 GbE on ports 4-7 and 8-11, PCIe Gen3 x16 on tongue 2, optional PCIe Gen3 on ports 12-15 and 17-20
Configuration		
Power	AMC751	~110 Watts
Environmental	Temperature	Operating Temperature: -5° to 55°C (air flow > 400LFM) industrial and military versions also available (See environmental spec sheet)
		Storage Temperature: -40° to +85°C
		Vibration
Front Panel	Shock	Operating 325G/2ms, 160G/1ms
	Relative Humidity	5 to 95 percent, non-condensing
	LEDs	IPMI Management Control Activity
Software Support	I/O	Dual GbE via RJ-45
		Dual USB 3.0 via standard type A
		Graphics output via DVI-I
		Dual RS-232 via micro USB
Other	Mechanical	Hot Swap Ejector Handle
	Operating Systems	Linux and Windows (consult VadaTech for other options)
MTBF	Per MIL-217F Handbook > TBD MTBF 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	

INTEGRATION SERVICES AND APPLICATION-READY PLATFORMS

VadaTech has a full ecosystem of ATCA and μ TCA products including chassis platforms, shelf managers, AMC modules, Switch and Payload Boards, Rear Transition Modules (RTM), Power Modules, and more. The company also offers integration services as well as pre-configured Application-Ready Platforms. Please contact VadaTech Sales for more information.

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