

# Specifications

Architecture	
<b>Physical</b>	<b>Dimensions</b> Single module, mid-size (full-size optional) Width: 2.89" (73.5 mm) Depth 7.11" (180.6 mm)
<b>Type</b>	Freescale QorIQ P4040 or 4080 processor up to 1.5 GHz Up to 16 GB DDR3 with ECC
Standards	
<b>AMC</b>	<b>Type</b> AMC.0, AMC.2 and AMC.4
<b>Module Management</b>	<b>IPMI</b> IPMI version 2.0
<b>SRIO</b>	<b>Lanes</b> Dual x4
Configuration	
<b>Power</b>	<b>AMC719</b> ~35 W (P4080 @ 1.5 GHz)
	<b>Temperature</b> Operating temperature: -5° to 45° C (55°C for limited time, performance restrictions may apply), industrial versions also available (See <a href="#">environmental spec sheet</a> ) Storage Temperature: -40° to +90°C
	<b>Vibration</b> Operating 9.8 m/s <sup>2</sup> (1G), 5 to 500Hz on each axis
	<b>Shock</b> Operating 325G / 2 ms, 160G / 1 ms
	<b>Relative Humidity</b> 5 to 95 per cent, non-condensing
<b>Front Panel</b>	<b>Interface Connectors</b> Single GbE via RJ-45, dual 10 GbE via SFP+ CPU RS-232 via micro USB IPMI RS-232 via micro USB
	<b>LEDs</b> IPMI management control Activity / Link and User LEDs
	<b>Mechanical</b> Hot swap ejector handle
<b>Software Support</b>	<b>Operating System</b> Linux and VxWorks
<b>Conformal Coating</b>	Humiseal 1A33 Polyurethane (Optional) Humiseal 1B31 Acrylic (Optional)
Other	
<b>MTBF</b>	MIL Hand book 217-F@ TBD hrs
<b>Certifications</b>	Designed to meet FCC, CE and UL certifications, where applicable
<b>Standards</b>	VadaTech is certified to both the ISO9001:2000 and AS9100B:2004 standards
<b>Warranty</b>	Two (2) years

## INTEGRATION SERVICES AND APPLICATION-READY PLATFORMS

VadaTech has a full ecosystem of ATCA and  $\mu$ 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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