

Architecture

Physical	Dimensions	Width: 12.687in. (322.25 mm) Depth: 11.024 in. (280 mm)
Type	ATCA Carrier	PMC, XMC and PrPMC modules

Standards

PMC	Type	PCI-X @ 133Mhz per PMC slot
XMC	VITA 42.3	XMC.3
Module Management	IPMI	IPMI Version 2.0
PCIe	Lanes	32-lane switch
PICMG	ATCA	PICMG 3.0 R2.0
Gigabit Ethernet	Managed Layer 2	17-port managed layer two switch with 802.1QVLAN, 802.1p QoS, 802.x MAC security, DHCP, RSTP, etc.

Configuration

Power	ATC103	18W without PMC/XMC/PrPMCs Up to 150 watts is available for the PMC/XMC/PrPMCs PMC site 1 routes the PMC I/O signals to Zone 3 Three PCIe x4 are routed to the rear for expandability. PCIe Lane Good LED
Rear I/O	Via Zone Three	Two 10/100/1000 Ethernet from the Gigabit Ethernet switch Link/Activity for the Gigabit Ethernet ports IPMI Debug port IPMI 10/100 Ethernet
	Interface Connectors	Three high-density connectors for the PMC J4 user I/Os PCIe expansion via fiber or copper
Front Panel	LEDs	IPMI Management Control PCIe Lane Good
	Mechanical	Hot Swap Ejector Handle
	Temperature	Operating Temperature: 0° to 65° C (Air flow requirement is to be greater than 200 LFM) Storage Temperature: -40° to +90° C
Environmental	Vibration	1G, 5-500Hz each axis
	Shock	30Gs each axis
	Relative Humidity	5 to 95 percent, non-condensing
Software Support	Operating Systems	Linux, Windows, Solaris and VxWorks

Other

MTBF	MIL Spec 217-F > 185,000 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
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