

# ATCA Shelf Manager with Integrated 40GbE/GbE Switch – VT031

## SPECIFICATIONS

Architecture		
Physical	Dimensions	Width: 5.685" (144 mm)
		Depth 11.096" (281 mm)
Type	Shelf Manager	VadaTech ATCA Shelf
Standards		
Module Management	IPMI	IPMI version 2.0 and PICMG 3.0
Configuration		
Operating Temperature		Operating Temperature: 0° to 65°C (Air flow requirements is to be greater than 200 LFM). Available in industrial temperature range
Environmental	Temperature	Storage Temperature: -40° to +90°C
	Vibration	1 G, 5 to 500 Hz on each axis
	Shock	30 Gs on each axis
	Relative Humidity	5 to 95 per cent, non-condensing
Front Panel	Interface Connectors	Micro DB15 connector for Telco Alarm
		RJ-45 for RS-232 port
		Single 10/100 out-of-band port support to the shelf manager
		Dual GbE ports (10/100/10000)
		Quad QSFP+ ports <sup>1</sup>
	LEDs	IPMI management control
	Activity / Link user LEDs	
	Push Button	Reset Switch
Software Support	Operating System	Linux
Conformal Coating		Humiseal 1A33 Polyurethane (Optional)
		Humiseal 1B31 Acrylic (Optional)
Other		
Certifications	Designed to meet FCC, CE and UL certifications where applicable	
Compliance	PICMG 3.0 Rev 3.0, RoHS 2. Designed to meet NEBS Level 3	
Standards	VadaTech is certified to both the ISO9001:2000 and AS9100B:2004 standards	
Warranty	Two (2) years	
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<sup>1</sup> Four QSFP+ front panel connectors support 40GbE. In addition, eight 10GbE connections are routed to RTM for rear access via optional ART031.