## **Specifications**

Depth: 21.5" or less Height: 1U  Type Chassis L2 / L3 switch 10G 48 ports with SyncE  Configuration  Power VT974 Dual 460W DC -36V to -75V or Dual 500W Universal AC  Environmental Temperature See Ordering Options Storage Temperature: -40° to +85°C  Vibration JIS E 3014 Class 1 kind C Shock JIS E 3015 Class 1  EMC/EMI (*) Designed to meet IEC61000-4-2 level 3; IEC6100-4-4 Level 3; IEC61000-4-5 level 3; JIS E 3021; NECA TR-28 - JEMA JEM-TR177 2kV rectangular wave impulse noise  Relative Humidity 5 to 95% non-condensing  Front Panel Interface Connectors Rear Panel Power Dual Power Input  Software Support Operating System Agnostic / Linux based Shelf Management  Other  MTBF MIL Hand book 217-F@ TBD hrs  Certifications Designed to meet FCC, CE and UL certifications, where applicable  VadaTech is certified to both the ISO9001:2000 and AS9100B:2004 standards	Architecture		
Type Chassis L2 / L3 switch 10G 48 ports with SyncE  Configuration  Power VT974 Dual 460W DC -36V to -75V or Dual 500W Universal AC  Environmental Temperature See Ordering Options Storage Temperature: -40° to +85°C  Vibration JIS E 3014 Class 1 kind C  Shock JIS E 3015 Class 1  Designed to meet IEC61000-4-2 level 3; IEC6100-4-4 Level 3; IEC61000-4-5 level 3; JIS E 3021; NECA TR-28 - JEMA JEM-TR177 2kV rectangular wave impulse noise  Relative Humidity 5 to 95% non-condensing  Front Panel Interface Connectors GbE management controller console  Rear Panel Power Dual Power Input  Software Support Operating System Agnostic / Linux based Shelf Management  Other  MTBF MIL Hand book 217-F@ TBD 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	Physical	Dimensions	Width: 19" including handles
Type Chassis L2 / L3 switch 10G 48 ports with SyncE  Configuration  Power VT974 Dual 460W DC -36V to -75V or Dual 500W Universal AC  Environmental Temperature See Ordering Options Storage Temperature: -40° to +85°C  Vibration JIS E 3014 Class 1 kind C Shock JIS E 3015 Class 1  EMC/EMI (*) Designed to meet IEC61000-4-2 level 3; IEC6100-4-4 Level 3; IEC61000-4-5 level 3; JIS E 3021; NECA TR-28 - JEMA JEM-TR177 2kV rectangular wave impulse noise  Relative Humidity 5 to 95% non-condensing  Front Panel Interface Connectors GbE management controller console  Rear Panel Power Dual Power Input  Software Support Operating System Agnostic / Linux based Shelf Management  Other  MTBF MIL Hand book 217-F@ TBD 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			Depth: 21.5" or less
Power VT974 Dual 460W DC -36V to -75V or Dual 500W Universal AC  Environmental Temperature See Ordering Options Storage Temperature: -40° to +85°C  Vibration JIS E 3014 Class 1 kind C Shock JIS E 3015 Class 1  EMC/EMI (*) Designed to meet IEC61000-4-2 level 3; IEC6100-4-4 Level 3; IEC61000-4-5 level 3; JIS E 3021; NECA TR-28 - JEMA JEM-TR177 2kV rectangular wave impulse noise Relative Humidity 5 to 95% non-condensing  Front Panel Interface Connectors Rear Panel Power Dual Power Input Software Support Operating System Agnostic / Linux based Shelf Management  Other  MTBF MIL Hand book 217-F@ TBD 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			Height: 1U
Power VT974 Dual 460W DC -36V to -75V or Dual 500W Universal AC  Environmental Temperature See Ordering Options Storage Temperature: -40° to +85°C  Vibration JIS E 3014 Class 1 kind C Shock JIS E 3015 Class 1  EMC/EMI (*) Designed to meet IEC61000-4-2 level 3; IEC6100-4-4 Level 3; IEC61000-4-5 level 3; JIS E 3021; NECA TR-28 - JEMA JEM-TR177 2kV rectangular wave impulse noise Relative Humidity 5 to 95% non-condensing  Front Panel Interface Connectors GbE management controller console  Rear Panel Power Dual Power Input Software Support Operating System Agnostic / Linux based Shelf Management  Other  MTBF MIL Hand book 217-F@ TBD 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	Type	Chassis	L2 / L3 switch 10G 48 ports with SyncE
Environmental  Temperature See Ordering Options Storage Temperature: -40° to +85°C  Vibration JIS E 3014 Class 1 kind C Shock JIS E 3015 Class 1  EMC/EMI (*) Designed to meet IEC61000-4-2 level 3; IEC6100-4-4 Level 3; IEC61000-4-5 level 3; JIS E 3021; NECA TR-28 - JEMA JEM-TR177 2kV rectangular wave impulse noise Relative Humidity 5 to 95% non-condensing Front Panel Interface Connectors Rear Panel Power Dual Power Input Software Support Operating System Agnostic / Linux based Shelf Management Other MTBF MIL Hand book 217-F@ TBD 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	Configuration		
Storage Temperature: -40° to +85°C  Vibration  JIS E 3014 Class 1 kind C  Shock  JIS E 3015 Class 1  EMC/EMI (*)  Designed to meet IEC61000-4-2 level 3; IEC6100-4-4 Level 3; IEC61000-4-5 level 3; JIS E 3021; NECA TR-28 - JEMA JEM-TR177 2kV rectangular wave impulse noise  Relative Humidity  5 to 95% non-condensing  48x SFP+ networking / 1x SMA clocking / 1x RS232 microUSB, 1x RS232 USB and 1x GbE management controller console  Rear Panel  Power  Dual Power Input  Software Support  Operating System  Agnostic / Linux based Shelf Management  Other  MTBF  MIL Hand book 217-F@ TBD 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	Power	VT974	Dual 460W DC -36V to -75V or Dual 500W Universal AC
Vibration JIS E 3014 Class 1 kind C  Shock JIS E 3015 Class 1  EMC/EMI (*) Designed to meet IEC61000-4-2 level 3; IEC6100-4-4 Level 3; IEC61000-4-5 level 3; JIS E 3021; NECA TR-28 - JEMA JEM-TR177 2kV rectangular wave impulse noise  Relative Humidity 5 to 95% non-condensing  Front Panel Interface Connectors 48x SFP+ networking / 1x SMA clocking / 1x RS232 microUSB, 1x RS232 USB and 1x GbE management controller console  Rear Panel Power Dual Power Input  Software Support Operating System Agnostic / Linux based Shelf Management  Other  MTBF MIL Hand book 217-F@ TBD 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	Environmental	Temperature	See Ordering Options
Shock JIS E 3015 Class 1  EMC/EMI (*) Designed to meet IEC61000-4-2 level 3; IEC6100-4-4 Level 3; IEC61000-4-5 level 3; JIS E 3021; NECA TR-28 - JEMA JEM-TR177 2kV rectangular wave impulse noise  Relative Humidity 5 to 95% non-condensing  Front Panel Interface Connectors 48x SFP+ networking / 1x SMA clocking / 1x RS232 microUSB, 1x RS232 USB and 1x GbE management controller console  Rear Panel Power Dual Power Input  Software Support Operating System Agnostic / Linux based Shelf Management  Other  MTBF MIL Hand book 217-F@ TBD 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			Storage Temperature: –40° to +85°C
EMC/EMI (*)  Designed to meet IEC61000-4-2 level 3; IEC6100-4-4 Level 3; IEC61000-4-5 level 3; JIS E 3021; NECA TR-28 - JEMA JEM-TR177 2kV rectangular wave impulse noise  Relative Humidity 5 to 95% non-condensing  Front Panel  Interface Connectors  Rear Panel  Power Dual Power Input  Software Support  Operating System  MIL Hand book 217-F@ TBD hrs  Certifications  Designed to meet IEC61000-4-2 level 3; IEC6100-4-4 Level 3; IEC61000-4-5 level 3; JIS E 3021; NECA TR-28 - JEMA JEM-TR177 2kV rectangular wave impulse noise  48x SFP+ networking / 1x SMA clocking / 1x RS232 microUSB, 1x RS232 USB and 1x GbE management controller console  Power Dual Power Input  Other  MIL Hand book 217-F@ TBD 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		Vibration	JIS E 3014 Class 1 kind C
Relative Humidity 5 to 95% non-condensing  Front Panel Interface Connectors		Shock	JIS E 3015 Class 1
Front Panel Interface Connectors  48x SFP+ networking / 1x SMA clocking / 1x RS232 microUSB, 1x RS232 USB and 1x GbE management controller console  Rear Panel Power Dual Power Input  Software Support  Operating System Agnostic / Linux based Shelf Management  Other  MTBF MIL Hand book 217-F@ TBD 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		EMC/EMI (*)	
Rear Panel Power Dual Power Input Software Support Operating System Agnostic / Linux based Shelf Management Other MTBF MIL Hand book 217-F@ TBD 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		Relative Humidity	5 to 95% non-condensing
Other  MTBF MIL Hand book 217-F@ TBD 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	Front Panel	Interface Connectors	
Other  MTBF MIL Hand book 217-F@ TBD 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	Rear Panel	Power	Dual Power Input
MTBF MIL Hand book 217-F@ TBD 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	Software Support	Operating System	Agnostic / Linux based Shelf Management
MTBF MIL Hand book 217-F@ TBD 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			
Certifications Designed to meet FCC, CE and UL certifications, where applicable  Standards VadaTech is certified to both the ISO9001:2000 and AS9100B:2004 standards	Other		
Standards VadaTech is certified to both the ISO9001:2000 and AS9100B:2004 standards	MTBF	•	
	Certifications	Designed to meet FCC, CE and UL certifications, where applicable	
Warranty Two (2) year, see VadaTech Terms and Conditions	Standards	VadaTech is certified to both the ISO9001:2000 and AS9100B:2004 standards	
	Warranty	Two (2) year, see VadaTech Terms and Conditions	

(\*) Partial sections of the specification may apply only, does not include transceivers, contact Sales for details

## INTEGRATION SERVICES AND APPLICATION-READY PLATFORMS

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