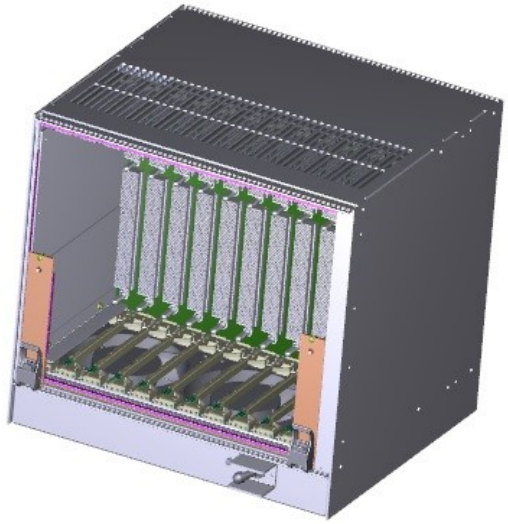
OpenVPX 7U Chassis Platform

VPX7V160



VPX7V160 KEY FEATURES

- 7U OpenVPX vertical-mount chassis platform
- 19" rackmount or desktop, cube versions in slimmer widths available
- Up to 16 slots OpenVPX slots (6U) at 1.0"" pitch
- Card guides can be adjusted in .2" increments to accept various slot pitches
- Bottom-to-top cooling configuration
- Versatile pluggable PSU options with power interface board or connectors on backplane
- Low cost design
- With or without Rear I/O options
- Customization available

The VPX7V160 is a 7U vertical-mount chassis that holds up to 16 6U slots at a 1.0" pitch. There are options for pluggable VITA 62 power supplies. The modular card guides can be adjusted to allow 1.0" pitch or other spacing in .2" increments. Conduction-cooled card guides are also available for testing and development.

The VPX7V160 has optional feet for desktop use. The chassis platform has 3 axial fans in the top 1U of the unit. Consult Pixus for high power OpenVPX requirements in excess of 80W/slot.

Pixus Technologies' products leverage Rittal's sleek European quality mechanical designs without the hefty price tag. Customers enjoy proven, time-tested designs that are built in one of the largest manufacturing centers for electronics packaging in the world. With Pixus' subsystem integration expertise, the result is the best value in the industry for electronics enclosure systems. Pixus is IS09001:2015 and ITAR registered.

Pixus Technologies Inc. USA (916) 297-0020 Canada (519) 885-5775
Email: sales@pixustechnologies.com Website: www.pixustechnologies.com

OpenVPX 9U Chassis Platform

SPECIFICATIONS

Architecture		
Physical	Dimensions	7U
		Width: 19” rackmount
		Depth ~11”
Type	OpenVPX Chassis	Up to sixteen 6U OpenVPX slots (at 0.8” pitch)
Standards		
OpenVPX	Type	VITA 65, VITA 46
Configuration		
Power	VPX9V170	Pluggable power connectors on backplane or optional power interface
		board
Environmental	Temperature	Operating Temperature: 0° to 55°C
		Storage Temperature: -40° to +70°C
	Altitude	10,000ft operating
		40,000ft. Non-operating
	Relative Humidity	5 to 95 percent, non-condensing
Conformal Coating		Humiseal 1A33 Polyurethane
		Humiseal 1B31 Acrylic
Other		
MTBF	MIL Handbook 217-F@ TBD Hrs.	
Certifications	Designed to meet FCC, CE and UL certifications where applicable	
Standards	ISO9001:2000 and AS9100B:2004 standards	
Compliance	RoHS and NEBS	
Warranty	Two years	
Trademarks and logos	The Pixus Logo is a registered trademark of Pixus Technologies Inc. other registered trademarks are the property of their respective owners. Specs. subject to change without notice.	

ORDERING OPTIONS

VPX7V160-ABC-DEF

A = Power Type

0 = 600W Ultramod PSU for VPX voltages
1 = 1200W Ultramod PSU for VPX voltages
2 = Single VITA 62 power board
3 = Dual VITA 62 power boards
4 = Power connectors on backplane
5 = Other

B = Backplane Slots

0 = 5 slots
1 = 6 slots
2 = 9 slots
3 = 12 slots
4 = Other

C = Backplane RTM Load

0 = No RTM connectors
1 = P0, P1 loaded all slots
2 = All RTM connectors loaded
3 = Other

DE = Backplane Configuration

XX = Consult factory for available configurations and 2-digit number code

F = Card Guides

0 = Standard card guides
1 = Conduction cooled module card guides
2 = Custom (mix of standard and conduction-cooled card slots)