

## VPX9V170



### VPX9V170 KEY FEATURES

- 9U OpenVPX vertical-mount chassis platform
- Up to 17 slots OpenVPX slots (6U) at 0.8" pitch
- Card guides can be adjusted in .2" increments to accept various slot pitches
- Front to rear cooling configuration
- PSU options up to 1500W, pluggable via power interface board or connectors on backplane
- Redundant power supply options
- Low cost design
- Customization available

The VPX9V170 is a 9U vertical-mount chassis that holds up to 17 6U slots at a 0.8" pitch. There is also a section for pluggable power interface boards. 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 VPX9V170 has various power and backplane configuration options. Consult Pixus for off-the-shelf options and customized configurations.

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.

## SPECIFICATIONS

Architecture		
Physical	Dimensions	9U
		Width: 19" rackmount
		Depth ~11"
Type	OpenVPX Chassis	Up to seventeen 6U OpenVPX slots (at 0.8" pitch)
Standards		
OpenVPX	Type	VITA 65, VITA 46
Configuration		
Power	VPX9V170	Up to 1500W supply AC or DC
		110-240AC with frequency from 47-63Hz and DC -36V to -72V
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

### VPX9V170-ABC-DEF

#### A = Power Type

- 0 = no PSU
- 1 = Single 900W AC
- 2 = Dual 900W AC
- 3 = 900W AC
- 4 = 1500W DC
- 5 = Other

#### B = Backplane Slots

- 0 = 5 slots
- 1 = 9 slots
- 2 = 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)