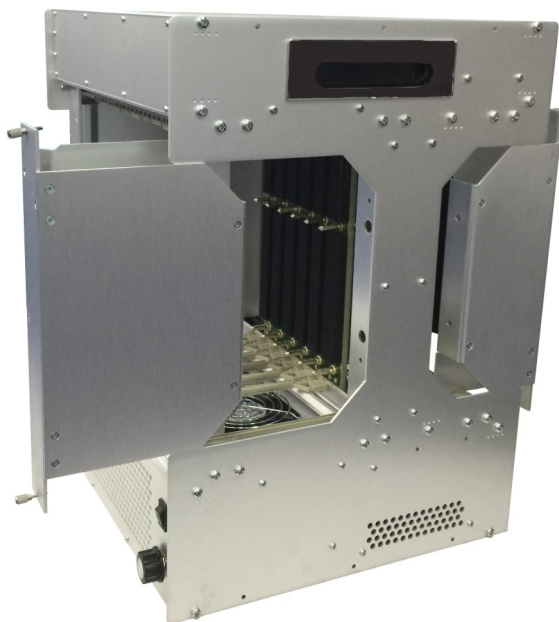


OpenVPX Open Frame Development Chassis With Removable Sidewalls



VPXD1000R



VPXD1000R KEY FEATURES

- Open Frame Development Chassis With Removable Sidewalls
- Up to eight 6U OpenVPX slots at 1.0" pitch or ten slots at 0.8" pitch
- 3U backplane version also available
- Card guides can be adjusted in .2" increments to accept various slot pitches
- Optional conduction-cooled module card guides
- Up to 120 CFM fan cools front slots and RTMs (Higher options available upon request)
- PSU options up to 1200W
- Convenient carry handles
- Fan control knob to increase/decrease air-flow speed

The VPXD1000R is an open frame chassis, ideal for testing and development of VPX systems. Pixus Technologies has various VPX backplanes sizes/configurations available. Rear Transition Module (RTM) slots can also be plugged into the open frame enclosure.

The VPXD1000R has AC or DC PSU options up to 1200W. The chassis comes with convenient carry handles and variable speed fan control.

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.

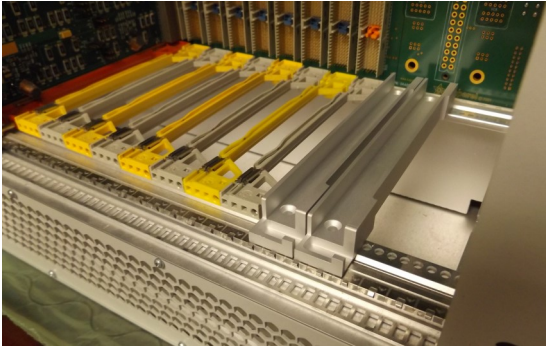
OpenVPX Open Frame Development Chassis With Removable Sidewalls



SPECIFICATIONS

Architecture		
Physical	Dimensions	~10U
		Width: ~8"
		Depth ~11"
Type	OpenVPX Chassis	Up to eight 6U OpenVPX slots (at 1.0" pitch)
Standards		
OpenVPX	Type	VITA 65, VITA 46
Configuration		
Power	VPXD1000R	Up to 1200W supply AC (DC versions available)
		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.	

CONDUCTION COOLED CARD GUIDES



The conduction-cooled card guides allow modules with wedge locks to be plugged into the enclosure.

ULTRAMOD POWER SUPPLIES FOR OPENVPX



Model	Vnom (V)	Set Point Adjust Range (V)	Dynamic Vtrim Range (V)	I _{max} (A)	Power (W)	Remote Sense	Power Good
XgA	12.0	10.8-15.6	-	12.5	150	-	-
XgB	24.0	19.2-26.4	-	8.3	200	-	-
XgC	36.0	28.8-39.6	-	5.6	200	-	-
XgD	48.0	38.5-50.4	-	4.2	200	-	-
XgE/Xg7	24.0	5.0-28.0	-	5.0	120	-	Yes
XgF/Xg8	24.0	5.0-28.0	-	3.0	72	-	Yes
	24.0	5.0-28.0	-	3.0	72	-	Yes
XgG	2.5	1.5-3.6	1.15-3.6	40.0	100	Yes	Yes
XgH	5.0	3.2-6.0	1.5-6.0	36.0	180	Yes	Yes
XgJ	12.0	6.0-15.0	4.0-15.0	18.3	220	Yes	Yes
XgK	24.0	12.0-30.0	8.0-30.0	9.2	220	Yes	Yes
XgL	48.0	28.0-58.0	8.0-58.0	5.0	240	Yes	Yes
Xg1	2.5	1.5-3.6	1.15-3.6	50.0	125	Yes	Yes
Xg2	5.0	3.2-6.0	1.5-6.0	40.0	200	Yes	Yes
Xg3	12.0	6.0-15.0	4.0-15.0	20.0	240	Yes	Yes
Xg4	24.0	12.0-30.0	8.0-30.0	10.0	240	Yes	Yes
Xg5	48.0	28.0-58.0	8.0-58.0	6.0	288	Yes	Yes

UltraMod powerPacs

Model	Slots	Power	Medical Approval	Industrial Approval
			UL/EN60601-1 3rd edition	UL/EN60950 2nd edition
UX4	4	600W	Yes	Yes
UX6	6	1200W	Yes	Yes

Pixus typically uses the UltraMod power supplies in the development enclosures. However, other PSUs are available upon request or as technical requirements specify.

VITA 62 Power Interface Board Option



- Single or dual VITA 62 PSU options
- 3U and 6U versions available
- Header for Sense, Share, and CMM signals

Photo of Unit Without Sidewalls Installed



ORDERING OPTIONS

VPXD1000R-ABC-DEF

A = Power Type

- 0 = no PSU
- 1 = 300W AC
- 2 = 600W AC
- 3 = 1200W AC
- 4 = 600W DC
- 5 = Other

B = Backplane Slots

- 0 = 2 slots
- 1 = 5 slots
- 2 = 6 slots
- 3 = 7 slots
- 4 = Other
- 5 = No backplane

C = Backplane RTM Load

- 0 = No RTM connectors
- 1 = RJ2-RJ6 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)