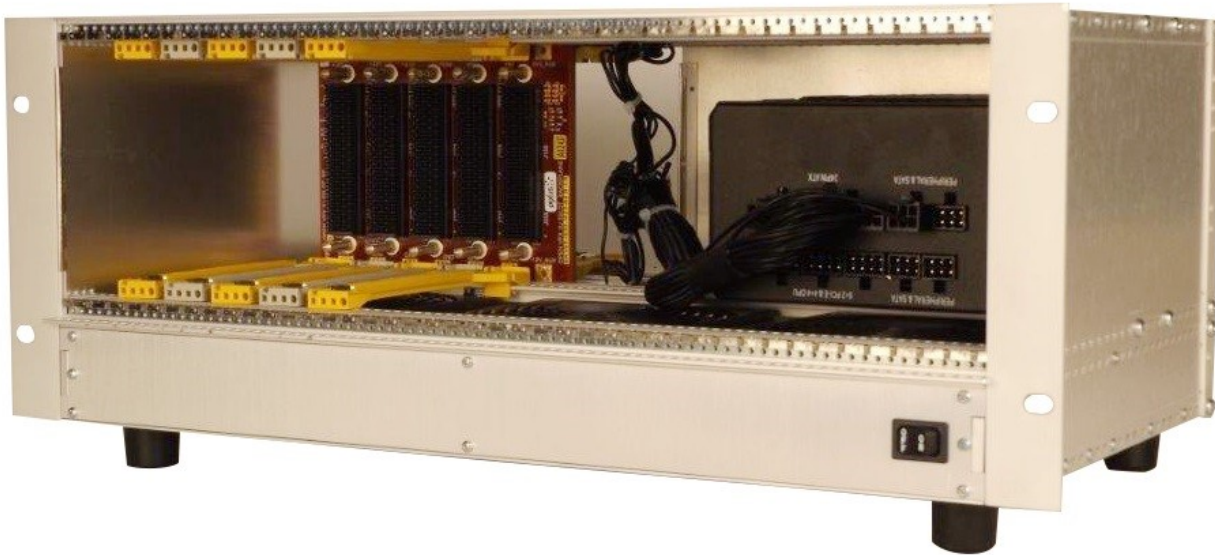


VPXD4500 Chassis — For 3U Boards



VPXD4500 KEY FEATURES

- 4U high OpenVPX Chassis for Development of 3U Boards
- 5-slot OpenVPX distributed mesh, backplane profile BKP3-DIS05-15.2.13-1 standard
- Other backplane sizes/types available upon request
- Rear I/O available
- EMC gasketing is standard
- Card guides can be adjusted in .2" increments to accept various slot pitches
- Optional conduction-cooled module card guides
- Fan tray below the card cage for bottom-to-top cooling, perforated top cover
- Fixed 500W ATX PSU
- 19" rackmountable, comes standard with rubber feet for desktop applications
- Low cost design

The VPXD4500 is a 4U high chassis, ideal for testing and development of 3U VPX boards. A 5-slot mesh backplane is standard, but other backplane configurations are available.

The 19" rackmountable chassis includes rubber feet for desktop/lab testing. There are optional conduction-cooled module card guides available. The Pixus chassis features a sheet-metal enclosure with EMC gasketing.

Customized versions of the VPXD4500 are available.

SPECIFICATIONS

Architecture		
Physical	Dimensions	Height: 4U (7")
		Width: 19" wide (84HP)
		Depth: 11.10" deep (282mm)
Type	OpenVPX Chassis	Fiive 3U OpenVPX slots standard at 1.0" pitch
Standards		
OpenVPX	Type	VITA 65, VITA 46
Configuration		
Power	VPXD4500	500W AC PSU, ATX
		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.	

Rear View of Enclosure



ORDERING OPTIONS

VPXD4500-ABC-D00

A = Backplane Configuration

- 0 = 5-slot mesh, BKP3-DIS05-15.2.13-1 (standard)
- 1 = Other (consult factory)

B = Backplane Rear I/O

- 0 = no RTM connectors
- 1 = Full RTM connectors
- 2 = Other (consult factory)

C = Card Guides

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

D = PSU Type

- 0 = 500W ATX (standard)
- 1 = Other (consult factory)