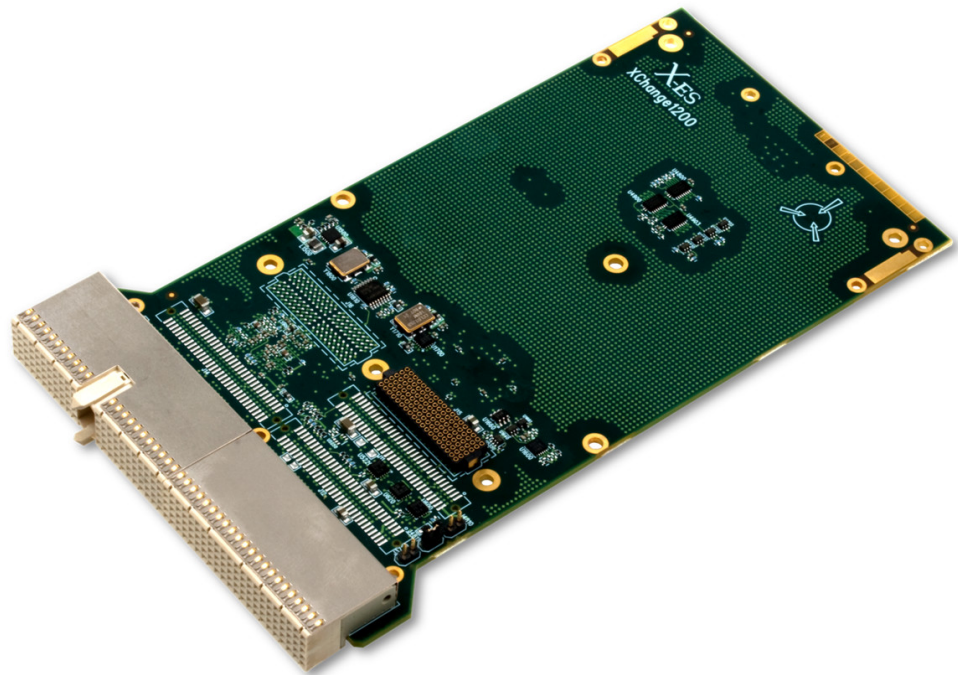# XChange1200

End of Life

Air-cooled 3U CompactPCI XMC/PMC Carrier Card for System or Peripheral Slot

Please contact X-ES Sales

- ❯ 3U cPCI carrier card
- ❯ Air-cooled
- ❯ x1 PCI Express XMC interface
- ❯ 32-bit, 66 MHz PCI PMC interface
- ❯ P14 I/O routing
- ❯ No drivers needed

XChange1200

The XChange1200 is a 3U cPCI module supporting a single-width XMC/PrPMC card. The XChange1200 provides easy integration of standard mezzanine cards into modern 3U cPCI backplanes. The XChange1200 can be configured for either a system or peripheral slot.

![X-ES logo]

Extreme Engineering Solutions

"Fast, Flexible, Customer-Focused Embedded Solutions"

Extreme Engineering Solutions
9901 Silicon Prairie Parkway • Verona, WI 53593
Phone: 608.833.1155 • Fax: 608.827.6171
sales@xes-inc.com • https://www.xes-inc.com

cPCI

- 32-bit PCI interface operating at 33 or 66 MHz
- System controller capable with onboard clocking and arbitration
- Peripheral slot capable

PMC

- 66 MHz, 32-bit PCI
- J14 to J2 I/O routing

XMC

- x1 PCI Express interface
- XMC may be root

Physical Characteristics

- 3U cPCI form factor
- Dimensions: 149 mm x 74 mm, 10 mm stacking height

Environmental Requirements

Contact factory for appropriate board configuration based on environmental requirements.

- Supported ruggedization levels (see chart below): 1, 3
- Conformal coating available as an ordering option

Power Requirements

- Power will vary based on configuration and usage. Please consult factory.

Ruggedization Level	Level 1	Level 3
Cooling Method	Standard Air-Cooled	Rugged Air-Cooled
Operating Temperature	0 to +55°C ambient †	-40 to +70°C ambient †
Storage Temperature	-40 to +85°C ambient	-55 to +105°C ambient
Vibration	0.002 g²/Hz (maximum), 5 to 2000 Hz	0.04 g²/Hz (maximum), 5 to 2000 Hz
Shock	20 g, 11 ms sawtooth	30 g, 11 ms sawtooth
Humidity	Up to 95% non-condensing	Up to 95% non-condensing

† Contact factory for airflow rate details.