

XS-PCIE2

XMC to PCI Express Adapter

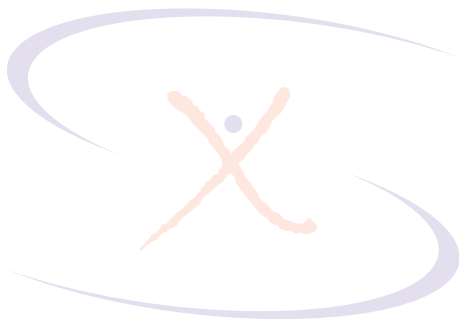
- XMC to PCIe x1 adapter
- Cost effective solution
- Passive adapter
- Optional single slot fan (3.6 CFM)
- Optional dual slot fan (21.2 CFM)
- VPWR 12V from PCIe connector
- I2C connector
- JTAG connector
- VITA 42.0
- VITA 42.3
- -40°C to 105°C (fanless version)
- -10°C to 70°C (with fan)
- RoHS compliant



XS-PCIE2 is a cost effective XMC to PCI Express passive adapter.

Optionally, a single slot fan (3.6 CFM) or a dual slot fan (21.2 CFM) can be mounted to cool high-power XMCs.

A set of connectors are available to access the XMC JTAG and I2C infra-structures.



ORDERING INFORMATION:

XS-PCIE2	: no fan
XS-PCIE2-100	: single slot fan
XS-PCIE2-010	: dual slot fan
XS-PCIE2-101	: single slot fan, XS-3500 version
XS-PCIE2-011	: dual slot fan, XS-3500 version

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XALYO SYSTEMS

XS-PCIE2

XMC to PCI Express Adapter

XS-PCIE2-100 (Low-profile fan, 3.6 CFM)



XS-PCIE2-010 (2-slot fan, 21.2 CFM)



XS-PCIE2-011 (for XS-3500 XMC)



CONNECTORS DESCRIPTION:

XMC (J5)

- PCIE x1 connected to PCIe edge connector
- JTAG connected to JTAG header only, not to PCIe
- VPWR 12V from PCIe connector
- I2C connected to I2C header
- GA[2:0] = b'100

JTAG header (XJ6)

- 1: TRST# 2: GND
- 3: TDO 4: GND
- 5: TDI 6: GND
- 7: TMS 8: GND
- 9: TCK 10: GND

I2C/Misc header (XJ7)

- 1: Pn4.14(GPS) 2: Pn4.13(TX)
- 3: Pn4.11(RX) 4: Pn4.63(RX)
- 5: GND 6: Pn4.64(TX)
- 7: N.C. 8: N.C.
- 9: MSDA 10: MSCL

DB-9 (XJ3)

- 2: UART RX 3: UART RX
- 5: GND Other: N.C.

Management Ethernet (XJ1)

- Management Ethernet for XS-3500

Gigabit Ethernet (XJ2)

- Pn4 Ethernet for XS-3500

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