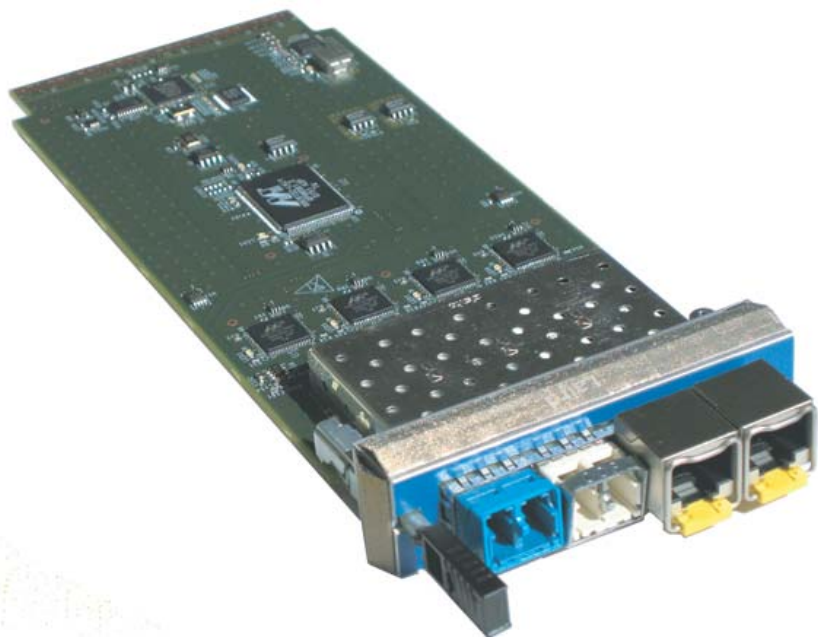


Main Features

- ▶ 4 x Gigabit Ethernet
- ▶ 1000BASE-X
- ▶ 100BASE-FX
- ▶ 10BASE-T
- ▶ 100BASE-TX
- ▶ 1000BASE-T
- ▶ PICMG® AMC.0 Rev 2 & AMC.2
- ▶ SFP Optical Transceivers



XS-AMC3 is an Advanced Mezzanine Card (AMC) which offers 10/100/1000 Ethernet connectivity in ATCA and uTCA systems.

XS-AMC3 provides a 6 port non-blocking Gigabit Ethernet switch with flexible I/Os.

XS-AMC3 natively supports 1000BASE-X and 100BASE-FX but also supports 10BASE-T, 100BASE-TX and 1000BASE-T via triple speed copper SFPs.

The AMC firmware automatically reads the SFP signature and configures the associated PHY accordingly.

Compliant with PICMG Advanced Mezzanine Card AMC.0 and AMC.2, XS-AMC3 can be used on AdvancedTCA™, MicroTCA and proprietary platforms.

Ordering Information

XS-AMC3	Quad-Port Gigabit Ethernet Switch AMC
XS-TP007	Gigabit Ethernet single mode SFP transceivers
XS-TP009	Triple speed Ethernet copper SFP transceivers

Other SFP transceiver types are available on request.

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XALYO SYSTEMS

Gigabit Ethernet Switch

- ▶ 6 Gigabit Ethernet ports **1**
- ▶ 4 front ports (front panel)
- ▶ 2 rear ports (AMC.2)

Ethernet PHYs

- ▶ 1000BASE-X **2**
- ▶ 100BASE-FX
- ▶ SGMII (For SGMII SFPs)
- ▶ IEEE 802.3u Auto-Negotiation
- ▶ Automatic mode configuration via SFP signature detection, or
- ▶ Manual mode configuration via DIP-Switches

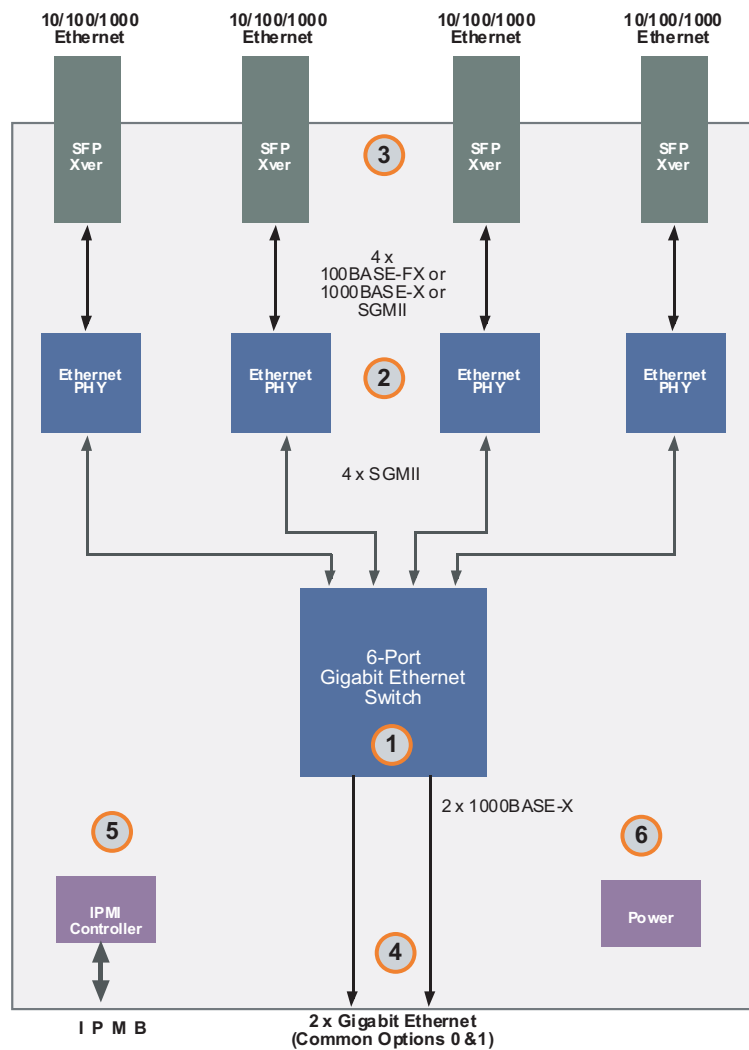
SFPs

- ▶ 1000BASE-LX **3**
- ▶ 1000BASE-SX
- ▶ 100BASE-FX
- ▶ Triple Speed Copper (10/100/1000)

AMC

- ▶ PICMG AMC.0 Rev 2.0 **4**
- ▶ IPICMG AMC.2
- ▶ Single Width
- ▶ Mid-Size

Block Diagram



IPMI Controller

- ▶ PICMG 3.0 R 2.0 **5**
- ▶ IPMI Revision 1.5
- ▶ PICMG HPM.1

Power Supply

- ▶ 12V input **6**
- ▶ 12W maximum consumption