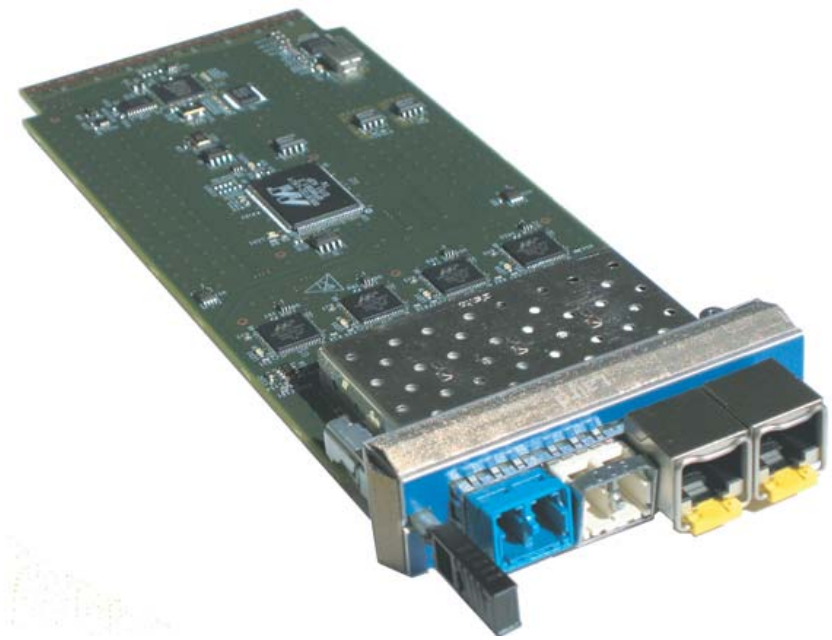
XS-AMC3

Gigabit Ethernet Switch AMC

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 7 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
Riant-Coteau 7
CH 1196 Gland
Tel: +41 22 995 0001
Fax: +41 22 995 0003
Email: info@xalyo.com
Web: www.xalyo.com

XALYO SYSTEMS

XS-AMC3

Gigabit Ethernet Switch AMC

Gigabit Ethernet Switch

- 7 Gigabit Ethernt ports (1)
- 4 front ports (front panel)
- 3 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

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

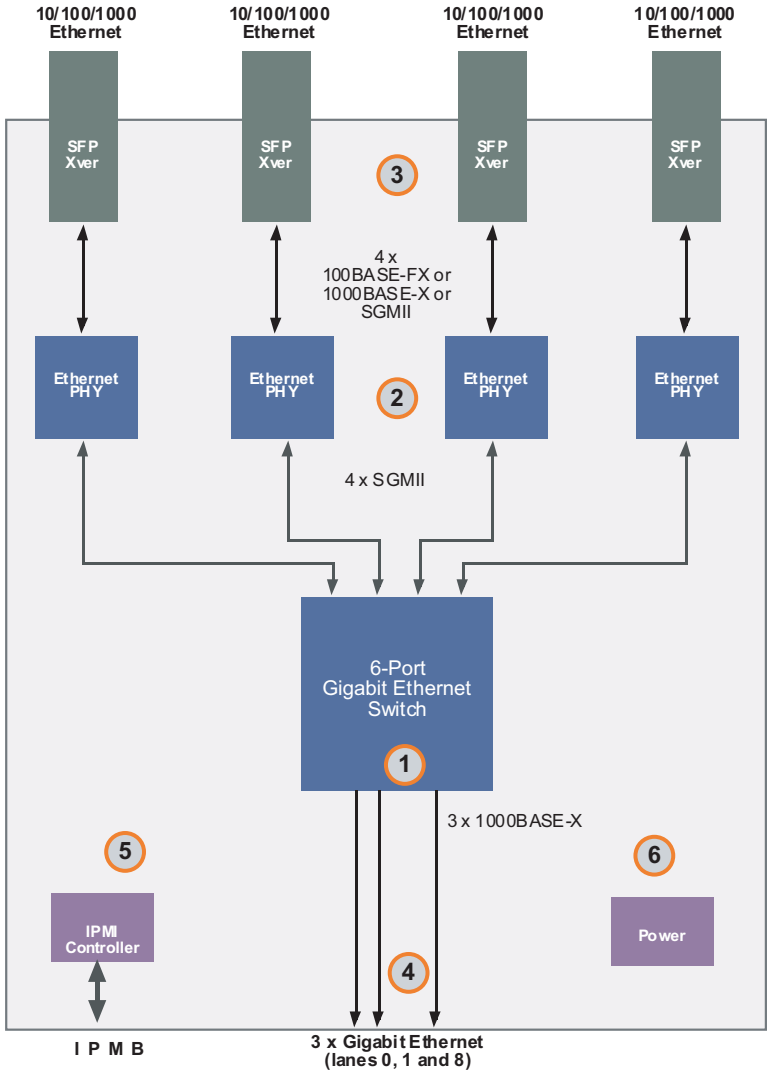
IPMI Controller

- PICMG 3.0 R 2.0 (5)
- IPMI Revision 1.5
- PICMG HPM.1

Power Supply

- 12V input (6)
- 12W maximum consumption

Block Diagram



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