

ACTIS Computer Inc.

1898 E. Southern Ave. • Tempe, AZ 85282

480-838-1799

www.actis-computer.com**XCOM-9460 – COM Express Processor Board**

The XCOM-9460 COM Express module with PowerPC PPC460EX from AMCC is a highly integrated solution processor board specially designed to meet PICMG COM.0 requirements. Featuring a very low power and high performance PowerPC processor, the board measures only 3.7"x3.7". The AMCC PPC460EX PowerPC processor integrates 440 core, DDR2 memory, Gigabit Ethernet, PCIe, PCI, dual USB 2.0 Full-Speed ports, one Serial-ATA, IEEE-754 Floating Point Unit and integrated Security Engine. This processor is rated at 2000 DMIPS and 2000 MFLOPS at 1 GHz. A 128-bit 2D/3D graphic controller supporting resolution up to 1024x768 is available for a Man Machine Interface with analog RGB, LVDS, LCD and s-video outputs. All these ports are accessible on standard COM Express connectors. Available in extended temperature (-40°C to +85°C), it supports Linux and other major RTOSs. ACTIS Computer also offers the XCOM-9347 with a Freescale PowerQUICC II Pro MPC8347E.

FEATURES

- › Processor AMCC PPC460EX 600, 800 MHz or 1 GHz
- › x4 PCIe interface
- › 32-bit, 33/66 MHz PCI
- › Up to 2 GByte DDR2 SDRAM on SO-DIMM socket
- › 1 GByte NAND Flash – 1 Serial-ATA II port
- › 8 MByte Boot Flash – 8 kByte NVRAM
- › 2 Gigabit Ethernet ports – 2 USB 2.0 Full-Speed ports
- › 2 I2C buses – 8 user GPIOs
- › 2 RS-232 UARTs – 1 JTAG debug interface
- › Graphic controller 2D/3D rendering engine
- › XGA resolution 1280x1024

For more information, contact: supportus@actis-computer.comRSC# 41096 @ www.smallformfactors.com/rsc