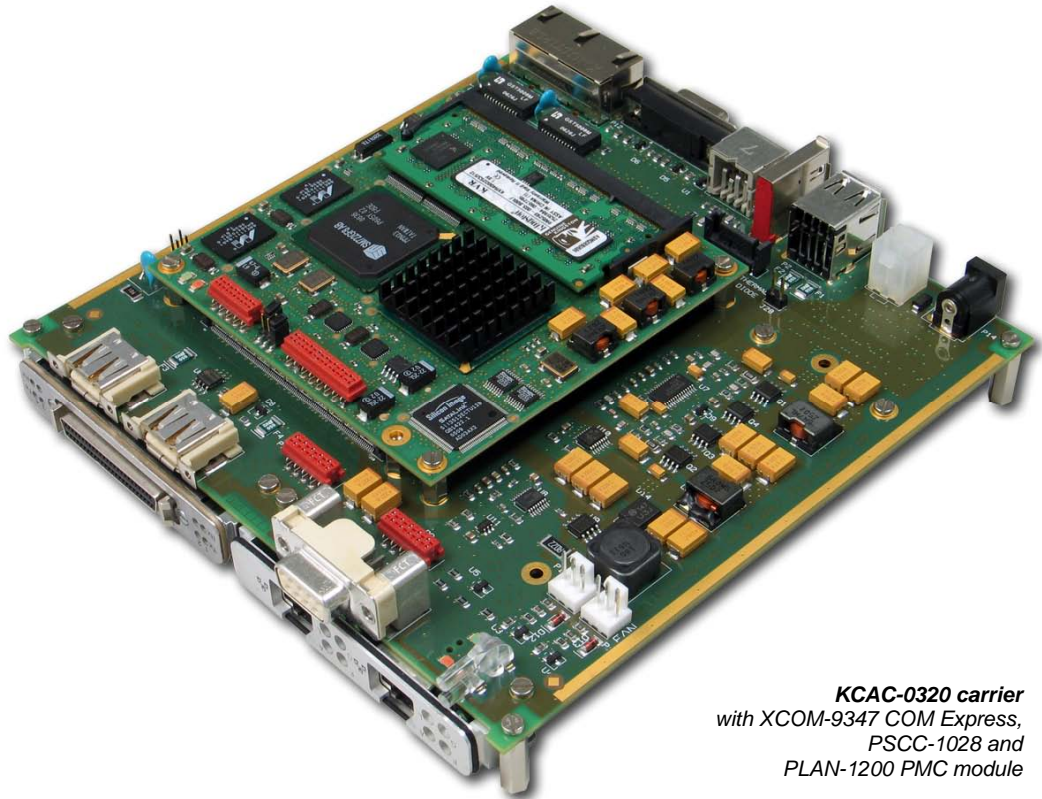


Features

- COM Express carrier
- Compact & Basic COM Express type-III Modules support
- Two PMC extensions
- Two Gigabit Ethernet
- Four USB 2.0 ports
- One SATA and eSATA ports
- Graphical interface (RGB, LVDS, S-video)
- 12 VDC power supply
- RoHS compliant



KCAC-0320 carrier
with XCOM-9347 COM Express,
PSCC-1028 and
PLAN-1200 PMC module

KCAC-0320 is a highly integrated solution, measuring 160x160mm (6.3x6.3 in), specially designed to meet COM Express PICMG COM.0 standard requirements. It features a complete COM Express carrier solution for processor modules sized in Compact (95x95 mm) and Basic (125x95 mm) form factors.

Processor Support

The KCAC-0320 is processor architecture independent and offers a full featured carrier board for type-III processor modules.

Peripheral Interfaces

A wide range of peripheral interconnect are support within this compact form factor, with two Gigabit Ethernet, four USB2.0, analog RGB, LVDS and S-video graphics outputs, and a serial port. A dual Serial-ATA controller is available with one internal SATA and one external eSATA interfaces.

PMC extensions

Two additional PMC mezzanine slots are user available intended for application's specific functions.

Graphics Support

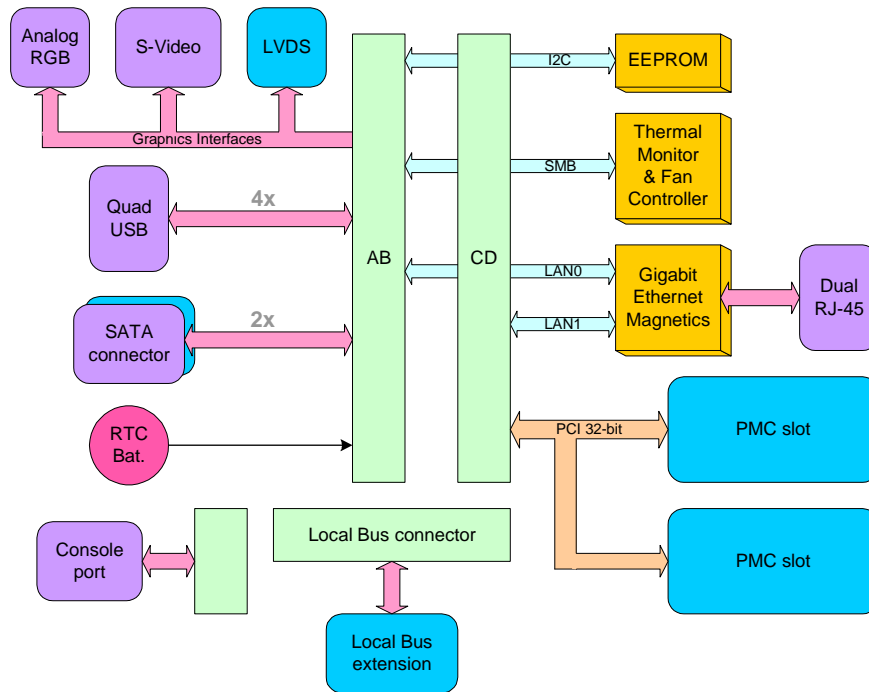
The KCAC-0320 supports analog RGB, LVDS, and S-video standard outputs for graphical interface.

Power Supply

Only a single 12 V DC power supply is required for the KCAC-0320 operating mode. On-board DC/DC converters are present for specific low voltages power supplied.



Bloc Diagram



Computer Box Concept

ACTIS Computer offers a complete integrated solution based on the KCAC-0320 carrier board and a compact aluminium enclosure.



A typical application is based on the XCOM-9347 PowerPC COM Express module offering an optimum solution for low power dissipation and fan less solution.



Evaluate this system integration using the interactive 3D presentation.

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