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**conga-B945**

Dual Core COM Express module with dual channel memory support up to 4 GB DRAM. The conga-B945 features many processor variants up to the latest Intel® Core™ 2 Duo 2x 2.16 GHz with 4 MB shared L2 cache and measures only 95 x 125 mm<sup>2</sup>, as defined by the PICMG COM Express specification. Two serial ATA® ports provide the ability to configure drives as high performance RAID 0 or RAID 1. In order to support economical and robust CompactFlash cards, parallel ATA is also available.

The conga-B945 supports 5x x1 PCI Express lanes, 1x x16 PCI Express Graphic port (PEG), Gigabit Ethernet, 8x USB 2.0, 2x SATA, PCI, fast mode I<sup>2</sup>C, LPC and can utilize several high definition audio (HDA) codecs in order to provide the highest sound quality and numerous channels.



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the rhythm of embedded computing

**FEATURES:**

- › Dual channel memory
- › Up to Intel® Core™ 2 Duo 2x 2.16 GHz with 4 MB cache processors
- › 5x x1 PCI Express lanes, 1x x16 PCI Express Graphic port, Gigabit Ethernet
- › 8x USB 2.0, 2x SATA, PCI, Fast Mode I<sup>2</sup>C, LPC
- › ACPI Power Management, ACPI Battery Support, Multistage Watchdog, Flat Panel Auto Detection
- › LVDS flat panel interface, analog VGA interface, SDVO
- › Latest 3D and 2D video capabilities, TV-Out is also possible