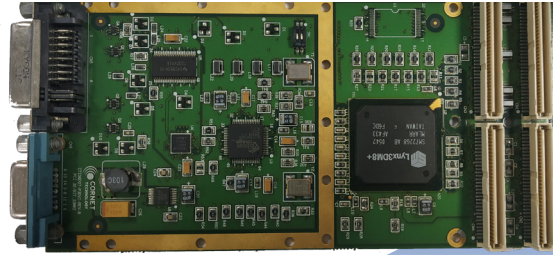


# PMC Graphics Card



## Peripheral Component Interconnect Mezzanine Card (Graphics Card)

### Key Features

- Silicon motion's SM722 Mobile Display Controller
- 8MB SGRAM
- 128-bit 2D/3D rendering engines
- 200 MHz RAMDAC and flat-panel interface
- 64-bit memory interface and over 1.0GB/s of memory bandwidth
- Dual Application/Dual View capabilities
- Motion Compensation block for playback of DVD video content
- Flat panel support with DVI output
- VGA monitor DB15 output
- VGA and DVI signals on PMC IO connector

Cornet's CTI06D07 PMC Graphics Card is a high performance, robust embedded graphics accelerator PMC for 2D and 3D applications. The card features Silicon Motion's SM722 Mobile Display Controller with 128bit 2D/3D mobile graphics engine and 8MB of internal memory.

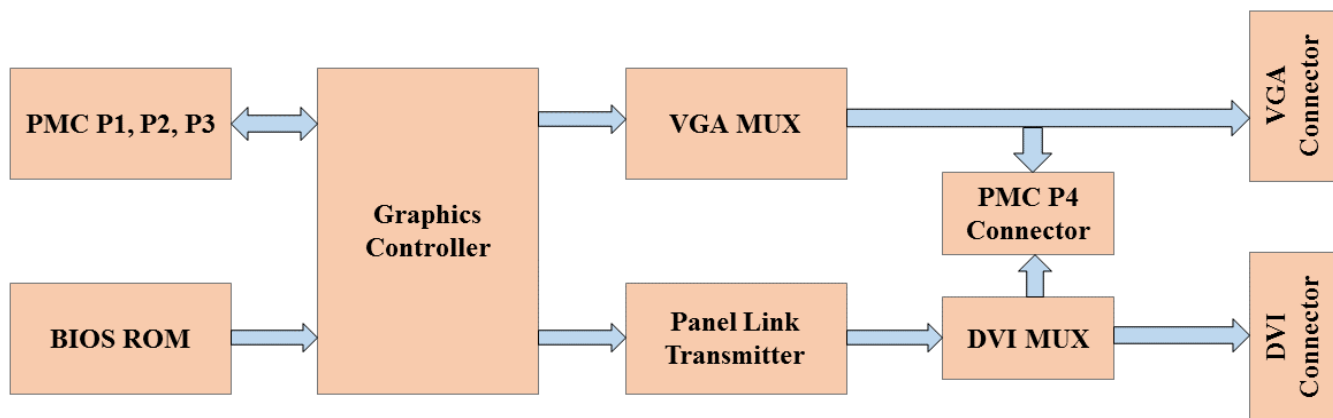
The SM722 offers enhanced multi-display and hardware accelerated MPEG2/DVD playback. The display supports the resolution up to 1280x1024 pixels.

All I/O's are handled through VGA, DVI and PMC P4 connectors. The card is designed to meet the PMC form factor specification.

# Specifications - (PMC Graphics Card)

## Design

<b>Graphics controller:</b>	Silicon Motion's SM72
<b>PCI :</b>	32-bit 33MHz bus interface PCI rev 2.3 compatible
<b>Memory:</b>	8MB 64-bit internal SGRAM
<b>Resolution:</b>	Up to 1280x1024 resolution
<b>Analog Video Output:</b>	VGA (RGBHV) non interlaced
<b>Form Factor:</b>	PMC (74mm X 149mm)
<b>Environment:</b>	Storage Temp. -40 °C to +125 °C
<b>Operating Temperature:</b>	-10 °C to +55 °C
<b>Operating voltage:</b>	+3.3V ± 5%
<b>Connector:</b>	DVI-I, and VGA
<b>Compliance:</b>	Industrial and RoHs compliant



PMC Graphics Card Block Diagram



ISO-9001:2015 Registered

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