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Find the *Rastergraf Gemini/PMC* at our website: ***Click HERE***

Gemini/PMC

Dual Channel Super High Resolution VGA Graphics PMC Module

Features

- Dual Very High Performance 128-bit Graphics Accelerators
- Supports two independent 2D/3D/OpenGL/DirectX compatible displays
- Optional digital (PanelLink/DVI) interface
- Pentium and Athlon support
- Quad-image VGA and FCode BIOS
- Drivers for Solaris 2.6, 7, 8 and 9
- Drivers for Windows 2K/XP
- Graphics library for VxWorks, LynxOS and Linux
- OpenGL 1.1 rendering in hardware 128-bit drawing engine

Peritek’s Gemini/PMC PMC card fulfills high performance requirements for dual channel graphics common to embedded computing processing environments, including Solaris, Linux, Windows, and leading real-time operating systems such as VxWorks and LynxOS.

Using two of Peritek's 128-bit Borealis3 graphics accelerators, the Gemini/PMC supports independent 2D/3D/OpenGL/DirectX compatible displays with screen resolutions up to 1920 x 1200 with up to 16.7 million colors (32 bpp). Monitor support includes analog VGA and Sync On Green (SOG) plus optional digital (PanelLink/DVI). A quad-image VGA/FCode BIOS enables the Gemini/PMC to operate in virtually any x86 or SPARC system using VGA, SOG, or DVI displays.

A unique asynchronous PCI bridge design supports all PMC interfaces from 32-bit, 33 MHz to 64-bit, 66 MHz, while enabling the Borealis graphics accelerators to always operate at 32-bit, 66 MHz.

The Gemini/PMC adds substantial 3D/OpenGL functionality, dramatically improved 2D performance, and four times the display memory over the chip used on its predecessor, the VFG-M.

The Gemini/PMC has two standard VGA connectors. When the optional DVI is ordered, they are replaced by a 68-pin HD ribbon connector plus breakout cable.
Dual display with audio/video input and display-only single and quad monitor PMC boards are also available.

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