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Find the *Abaco Systems / SBS PMC-Videoplus* at our website: ***Click HERE***

PMC-VIDEOPLUS

High Resolution CRT Video Graphics Controller PMC

The PMC-VIDEOPLUS provides a high-quality, high-performance graphics adapter for a PMC carrier board. It supports a variety of SVGA/CRT monitors in single-display configurations.

The PMC-VIDEOPLUS features the Silicon Motion Lynx3DM8+ accelerator. Four Mbytes of high performance on-chip SGRAM handle high-resolution graphics displays. Its comprehensive display mode supports many standard screen resolutions, up to 1280 x 1024 at 60 Hz with 24 bpp.

Features include a complete 3D rendering feature set, hardware support for MPEG/DVD playback, a robust 2D Drawing Engine that supports ROPs, BitBLTs, transparent BLT, color expansion, and line draw. The PMC includes a front panel-mounted standard high-density female DB15 for SVGA/CRT output.

A Windows® NT 4.0 device driver is available for PMC-VIDEOPLUS. The Windows NT 4.0 Service Pack 4 is recommended for use with this device driver. Although the device driver will run under an earlier service pack, the control panel help file can only be viewed under Service Pack 4.

The card is compliant with standard single-wide PMC specifications IEEE P1386.1 and PCI 2.1 specifications.

FEATURES:

- Resolutions up to 1280 x 1024 at 60 Hz with 24 bpp on a single display device
- 4 Mbytes of embedded SGRAM memory 128 bits wide
- Standard high-density female DB15 CRT connector on front panel
- 3D and 2D hardware acceleration and BitBLT

abaco SYSTEMS

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PMC-VIDEOPLUS *High Resolution CRT Video Graphics Controller PMC*

Specifications

Form Factor
- Single-wide PMC

PCI Interface
- 33 MHz, 32 bit, slave and master
- 3.3 and 5 V signaling

PMC Conformance
- PCI Protocol and Electrical Rev 2.1

PCI Interface / Graphics Controller
- Silicon Motion Lynx3DM8+

Graphics Memory
- 4 Mbytes SGRAM 128 bits wide

Standard CRT Resolutions Supported
- 640 x 480 x 8, 16, 24 bpp @ 60, 75, 85 Hz
- 800 x 600 x 8, 16, 24 bpp @ 60, 75, 85 Hz
- 1024 x 768 x 8, 16, 24 bpp @ 60, 75, 85 Hz
- 1280 x 1024 x 8, 16, 24 bpp @ 60 Hz

Front Panel I/O
- Standard Female DB15 CRT Connector

Rear Panel I/O (P4)
- None

Dimensions
- 75.0 mm x 150.0 mm

Weight
- 0.058 kg (0.13 lbs)

Power Requirements
- +5 VDC at 110mA (typical)

Environmental
- Operating Temperature: 0° to +70° C
- Storage Temperature: -40° to +85° C
- Relative Humidity: non-condensing 5% to 95%

Ordering information

PMC-VIDEOPLUS	High Resolution CRT Video Graphics Controller for PMC

WE INNOVATE. WE DELIVER. YOU SUCCEED.

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