

PCM-3521

PCM-3531

Flat Panel/CRT Display Module

PCI Graphic card PC/104-plus Module



PCM-3521



Features

- Supports a wide range of popular flat panel displays and traditional CRT monitors in high resolutions
- A flat panel display and a CRT VGA display can be displayed at the same time
- Onboard variable resistor for panel contrast adjustment

Specifications

General

- **Chipset** Asiliant® (C&T) 65545
- **Video Memory** 1 MB
- **Frame Buffer** 512 KB
- **LCD Bias Volt. (VEE)** -35 ~ +35 V
(by onboard DC-DC converter)
- **Supports LCD Power** 3.3 V/5 V @ 300 mA
- **Resolution**
 - Standard Resolution
 - B/W panel: 640 x 480 @ 64 gray scales
 - Color panel: 640 x 480 @ 24 bpp
 - CRT: 640 x 480 @ 24 bpp
 - Optional Resolution
 - B/W panel: 800 x 600 @ 61 gray scales
 - Color panel: 800 x 600 @ 8 bpp
 - CRT: 800 x 600 @ 8 bpp

Mechanical and Environmental

- **Dimension (L x W)** 96 x 90 mm (3.8" x 3.5")
- **Weight** 0.08 kg (0.176 lb)
- **Temperature**
 - Operating: 0 ~ 60° C (32 ~ 140° F)
 - Storage: -40 ~ 85° C (-40 ~ 185° F)
- **Operating Humidity** 0% ~ 90% relative humidity, non-condensing

Power

- **Power Supply Voltage** +5 V, ±5 % tolerance on power supply

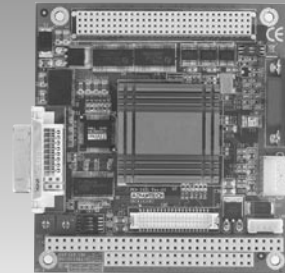
Packing List

- 1 x PCM-3521
- 1 x Startup Manual
- 1 x CD-ROM (Manual, Driver, Utility)

Ordering Information

Standard

- **PCM-3521-00A1E** Flat panel signal converter module



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Features

- Supports 18/24/36/48 bit LVDS Panel up to 2048 x 1536 resolution
- Support TV-Output (up to 1024 x 768)
- Support two Channels 18/24-bit LVDS
- Support hardware MPEG-2 decoder
- Support dual display function
- Compatible with PC/104-plus and standard PCI card PCI2.1

Specifications

General

- **Chipset** ATI RAGE™ Mobility M6 chipset
- **Video Memory** 8 MB on chip
- **VGA/LCD Function** Support CRT display, two channels 18/24-bit LVDS, TV-Out, DVI interface
- **Dual Display Combination** LVDS+CRT, LVDS+TV-out, LVDS+DVI, LVDS+CRT+TV-out, LVDS+CRT+DVI

Mechanical and Environmental

- **Dimension (L x W)** 96 x 90 mm
- **Weight** 0.029 kg (0.123 lb)
- **Operating Temperature** 0 ~ 60° C (32 ~ 140° F) -40 ~ +85° C (Optional)
- **Operating Humidity** 0% ~ 90% relative humidity, non-condensing

Power

- **Power Supply Voltage** +5V, ±5%, +12V, ±5%

Packing List

- 1 x startup manual
- 1 x CD-ROM (Driver, Utility)
- 1 x PCM-3531 board

Ordering Information

Standard

- **PCM-3531-00A1E** PCI Graphic card PC/104-plus Module

Optional Accessories

- **DVI cable** (p/n:1700000243)