



Features

- Compatible with IBM VGA
- Integrated 2 MB SDRAM
- Provides DFP connector for flat panel display
- Supports a wide range of CRT VGA monitors and LCD flat panel displays

Introduction

The MIC-3520 is a 3U-size VGA/PanelLink LCD interface module for CompactPCI systems. It complies with CompactPCI™ specification 2.0 R 2.1.

The MIC-3520 uses the Intel® C&T 69000 VGA controller with 2 MB integrated SDRAM, to provide a high-performance PCI VGA interface. This module can drive CRT displays with resolutions up to 1024 x 768 at 64 K colors. It is completely IBM VGA compatible.

The MIC-3520 also supports an LCD display. A DFP connector for flat panel display is available on the front panel.

Specifications

- **Controller:** Intel® C&T 69000
- **Display memory:** On-chip 2 MB SDRAM
- Complies with PICMG 2.0 R. 2.1 CompactPCI™ Specification
- Complies with PCI Bus Specification R. 2.1
- **Display resolution:**
 - 640 x 480 with 256/64 K/16 M color display, 60/75/85 Hz
 - 800 x 600 with 256/64 K/16 M color display, 60/75/85 Hz
 - 1024 x 768 with 256/64 K color display, 60/75/85 Hz
 - 1280 x 1024 with 256 color display, 60 Hz
- One DFP connector for flat panel display on the front panel
- Compatible with DFP specification version 1.6

- **Power consumption:** +5 V @ 1.0 A max.
- **Operating temperature:** 0 ~ 65° C (32 ~ 149° F)
- **Storage temperature:** -20 ~ 70° C (-4 ~ 165° F)
- **Humidity (operating and storage):** 5 ~ 95% (non-condensing)
- **Shock:** 20 G (operating); 50 G (storage/transit)
- **Random vibration:** 1.5 Grms

Ordering Information

- ❑ **MIC-3520:** 3U VGA/PanelLink LCD interface module, user's manual, utility CD-ROM disc
- ❑ **1700264501:** 20-Pin to 26-Pin 4.5 m PanelLink shielded cable for FPM series