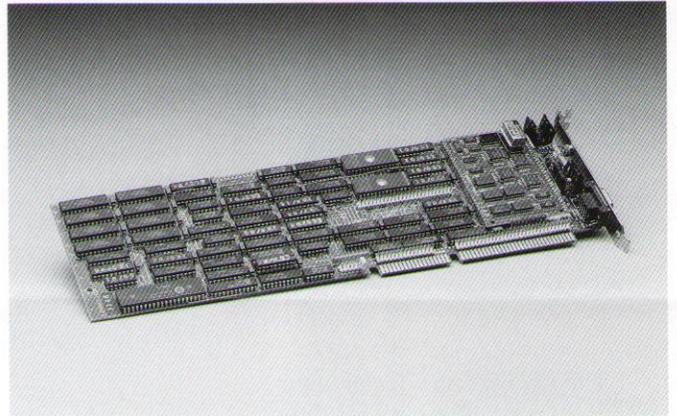


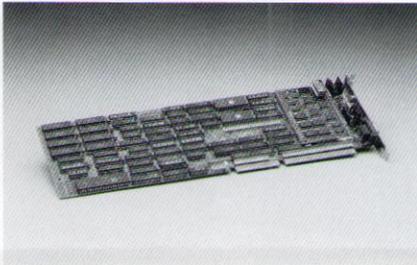
PG-1600



Ultra-high resolution display adapter.

**PRINCETON<sup>®</sup>**

GRAPHIC SYSTEMS  
THE VISIBLE EDGE



The Cornerstone Technology PG-1600 is an ultra-high resolution graphics adapter for use with the Princeton Graphic Systems LM-301 WYSIWIG monochrome monitor. The PG-1600 offers 150 dpi performance at 1600 x 1200 resolution, and high resolution software support for applications such as AutoDesk's AutoCad, Microsoft's Windows, Aldus Pagemaker, DRI GEM, Ventura Publisher and a variety of other programs compatible to GEM or Windows. The PG-1600 also offers IBM CGA/MDA hardware emulation, providing support to many programs currently designed to work in these environments.

#### BENEFIT FEATURE

<b>Wide range of hardware compatibility</b>	IBM XT/AT, PS/2 Model 30 or compatibles, Compaq Deskpro 386 and like compatibles
<b>Highest Quality Image Display</b>	1600 x 1200 non-interlaced resolution
<b>IBM Hardware Emulation</b>	IBM CGA/MDA hardware emulation assures existing PC applications operate without modification
<b>High Resolution Software Drivers</b>	Extensive library of software drivers including Windows and all Windows compatible software, GEM and all GEM compatible software. AutoCAD, Aldus Pagemaker and Ventura Publisher, and others under development
<b>Flicker-free performance</b>	Non-interlaced technology
<b>Price/Performance</b>	Teamed with the Princeton LM-301 high resolution monitor, able to achieve high-level quality and resolution at a reasonable price

#### Specifications:

##### Hardware:

<b>Resolution</b>	1600 x 1200 (with LM-301)
<b>Video Bandwidth</b>	160 Mhz
<b>Horizontal Scan Freq.</b>	75 KHz (non-interlaced)
<b>Refresh rate</b>	60 Hz
<b>DPI supported</b>	150 dpi
<b>Compatibility</b>	Host: IBM XT/AT PS/2 Model 30 or compatibles, Compaq Deskpro 386 or compatibles Display: Princeton Graphic Systems LM-301
<b>I/O Slot:</b>	Single 8 or 16 bit
<b>Graphics Memory Addressing Modes:</b>	Windowed or Direct, software selectable
<b>Windowing Address Modes:</b>	Four 4K windows, addressed at A0000 or B4000 (jumper selectable)
<b>Power Requirements:</b>	3.9A at +5V (from host) 0.6A at -5.2V (from LM-301)
<b>Length:</b>	13.3" (341mm)
<b>Height:</b>	4.2" (108mm)
<b>Warranty:</b>	One year, parts and labor
<b>Suggested Retail Price:</b>	\$750.00

## PRINCETON®

GRAPHIC SYSTEMS  
THE VISIBLE EDGE

601 Ewing Street, Bldg. A, Princeton, NJ 08540  
(609) 683-1660/Telex: 821402 PGS PRIN

Specifications subject to change without notice