

- Embedded rugged computers
- -40° to 85° C
- Embedded operating systems
- COTS—high reliability

Micro PC video card for CRT & flat panels

The 5445 provides CRT and flat panel support for 8-bit ISA Bus systems. Micro PC cards plug into any ISA expansion slot or a Micro PC card cage. The Octagon family of Micro PC controllers, expansion cards, and card cages provide a complete solution for applications in transportation, security, military, communications, distributed control, point-of-sale, ticketing machines, weighing equipment, and other similar applications.

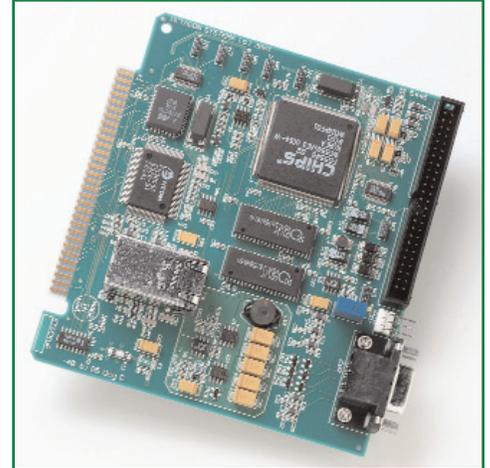
The 5445 will withstand high shock and vibration, and operates in temperature ranges from -40° to +85° C. This rugged expansion card will provide years of reliable service in the most challenging environments.

Features

CRT:

- ◆ Fully SVGA compatible
- ◆ 1 MB of video display memory
- ◆ Supports analog CRT monitors, interlaced and non-interlaced, up to 800 x 600 x 256 colors, or 1024 x 768 x 256 colors
- ◆ Supports simultaneous CRT & flat panel display

Note: The 5445 card does not support operating systems or drivers that use linear memory or hardware acceleration. This includes Windows® 3.xx, 95/98, and NT.



Octagon products are designed and manufactured under the supervision of an ISO 9001-2000 certified quality management system.

FLAT PANEL:

- ◆ Supports monochrome LCD, EL and plasma flat panels up to 1280 x 1024 with 64 gray scales
- ◆ Adjustable bias supply for LCD panels, from +19V to +30VDC
- ◆ Supports 3V and 5V flat panels, jumper selectable
- ◆ Programmable BIOS to support different flat panel drivers

FLAT PANEL CONFIGURATION:

- ◆ Jumper provided for LCD bias polarity select, 3V/5V interface, SHIFTCLK polarity select, LCD bias2 select, and 5V or 12V safe select

CONNECTORS:

- ◆ Standard DB-15 connector for CRT
- ◆ 50-pin shrouder header for flat panels

INTERRUPTS:

- ◆ IRQ2 or IRQ9, jumper selectable

ENVIRONMENTAL & POWER:

- ◆ -40° to 85° C operating
- ◆ -55° to 90° C nonoperating
- ◆ 5% to 95%, RH, noncondensing)
- ◆ 40g shock, 5g vibration, 3 axis
- ◆ Size: 4.5" x 4.9", Micro PC form factor
- ◆ Power: 5V ±0.25V @ 340 mA typical
- ◆ Interface: 8-bit ISA Bus interface

ORDERING INFORMATION

#5782 5445 video