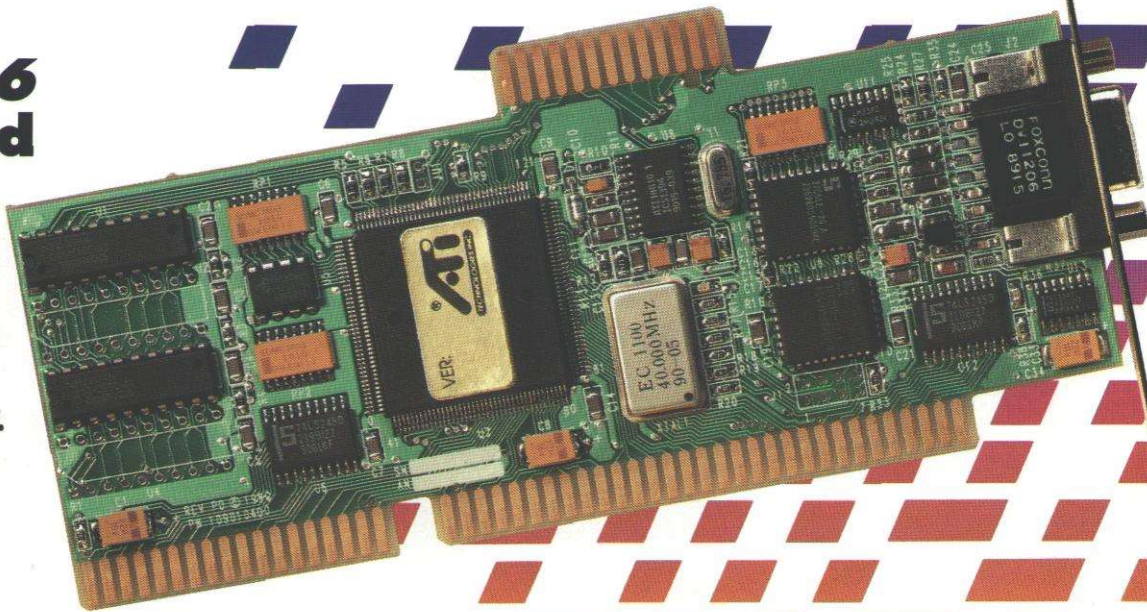# VGA BASIC 6

## The Economical 16-Bit VGA

# VGABASIC-16 Graphics Card

The VGABASIC-16 represents incredible value in entry level VGA cards. It offers true 16-bit speed at a price that even the most budget-conscious PC graphics user can appreciate. In fact, the VGABASIC-16 is the lowest priced name brand 16-bit VGA card on the market.

**High performance, without the "frills".** Although we've done away with the expensive extras, the VGABASIC-16 still has everything you expect from ATI's VGAWONDER award-winning technology. Like 100% register-level compatibility in all modes – VGA, EGA, CGA, Hercules and MDA. Switchless design for easy installation. Plus a full two year warranty.

With the new VGABASIC-16, virtually all PC users can afford to move up to 16-bit VGA graphics.

## Features:

**Graphics Resolution**
Supports VGA with up to 640x480 resolution in 16 colors. Plus, other PC graphics resolutions such as EGA, CGA, Hercules, and MDA.

**Superior Speed**
16-bit design and page mode memory provide faster graphics for today's 80286/386/486 computers. Works in 8-bit slots as well.

**100% Register Compatible**
Register compatible in ALL modes: VGA, EGA, CGA, Hercules, and MDA.

**ATI Custom Chip Design**
Based on the same proprietary ATI/VGA chip found in the award winning VGAWONDER for reliable performance and ultimate speed.

**Compact Design**
Credit card size fits in any IBM PC expansion slot. Features low power consumption and reduced components for maximum reliability.

**Switchless Installation**
Switchless design eliminates all jumpers and switches for fast and simple setup. Plus, menu driven software utilities are provided to easily change the card's configuration.

## Specifications:

**System Requirements:**
IBM PC/XT/AT/386/486, PS/2 Model 30, or compatible systems.

**Bus:**
IBM PC or AT, 8 or 16-bit slots.

**Video Display Buffer:**
256K video memory.

**Standard Video Display Modes:**
All VGA, EGA, CGA, Hercules, and MDA modes.

**Sync Signals:**

| Horizontal | Vertical | |
|---|---|---|
| 31.5kHz | 60Hz | – Multisync/Analog monitors (640x480) |

**Connectors:**
Analog Video: 15 pin D shell (female) IBM standard.
VGA Pass – through: 26 pin edge connector.

**Monitor Compatibility:**
IBM PS/2 85XX VGA color or monochrome analog monitors. Multisync and Super-VGA monitors. All other compatible monitors.

**Dimensions:**
2.75" (W) x 6.25" (D)

**Power:**
+5V +/–5%, @ 0.5A typical.

**MTBF:**
100,000 hours.

**Warranty:**
Two year limited warranty.

| | Software | | Monitors[1] | | |
|---|---|---|---|---|---|
| | | | Analog Monitors | | |
| Modes | Resolution | Colors/[2] Palette | VGA Analog | IBM 8514 | Multisync Analog |
| VGA | 640x480 All 17 VGA Modes | 16/256K | ▪ | ▪ | ▪ |
| EGA | 640x350 640x200 320x200 | 16/64 16/64 16/64 | ▪ | ▪ | ▪ |
| CGA | 640x200 320x200 | 2/8 4/16 | ▪ | ▪ | ▪ |
| Hercules | 720x348 640x400 | Mono Attributes | ▪ | ▪ | ▪ |
| MDA | 720x350 | Mono Attributes | ▪ | ▪ | ▪ |

[1] Check sync signals for compatibility.
[2] Displayed in shades on monochrome monitors.

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**Technology you can Trust.**