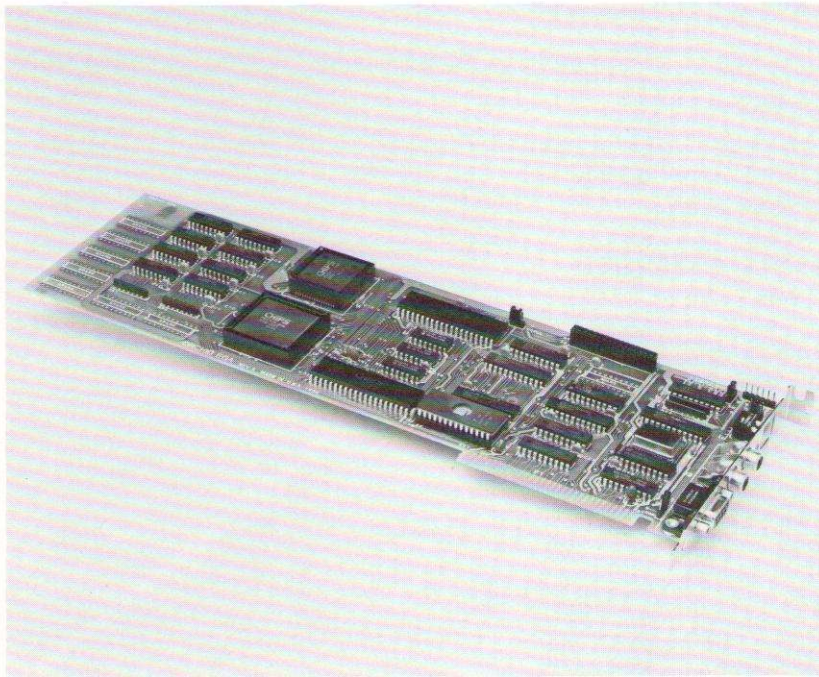


ORCHID EGA™



- ▲ Four-in-one graphics board: EGA, CGA, MDA and Hercules compatibility on a single board
- ▲ Fully compatible with IBM EGA
- ▲ 256K graphics RAM comes standard
- ▲ High-resolution color graphics: 640 x 350 resolution; 16 colors displayable out of a palette of 64
- ▲ Includes Screen Saver software
- ▲ Light Pen interface
- ▲ BIOS 300% faster than the IBM EGA BIOS

Orchid EGA

Enhanced Graphics Adapter for the IBM PC, XT, AT, and Compatibles

Includes All Four of the Most Popular Video Adapters

Now you can use your present graphics software and run the new programs written for the Enhanced Graphics Adapter, the industry's new standard in color graphics. The Orchid EGA gives you unsurpassed functionality and compatibility. More compatible than any comparable EGA, the Orchid EGA runs programs such as AutoCAD and Lotus 1-2-3 in EGA, CGA or even Hercules mode.

Benefits - The Orchid EGA gives you high-quality text: full-color text with an 8 x 14 character cell on the IBM Enhanced Color Display; monochrome text in a 9 x 14 character cell on a monochrome display.

The Orchid EGA's powerful graphics let applications such as Lotus 1-2-3 or Microsoft Windows convey more information more effectively so you will be more productive with your PC. The latest presentation graphics programs such as Freelance, Show Partner, Energraphics, or Diagraph increase the impact of your presentations. Your PC becomes a powerful, high-resolution color CAD workstation with programs such as AutoCAD, VersaCAD, CADVANCE, drafix, or Generic CAD. Graphic arts programs such as PC Paint Plus, EGA Paint, or PC Paintbrush give your creativity a brilliant canvas. And there are countless more applications.

Recommended Systems - The Orchid EGA is engineered to work in IBM PC, XT, and AT computers to give you a high-resolution color display. However, as with the IBM EGA, there is a significant loss in performance with PCs and XTs due to the heavy processing burden placed upon the 8088 processor. If performance equaling that of an AT is required then Orchid's TurboEGA is recommended. This board has a high-speed 80286 replacement accelerator and the Orchid EGA all on one card.

Quality Engineering

The Orchid EGA was designed and built by Orchid in the U.S. While others rushed to the market, we took our time to engineer a quality product. That's why the Orchid EGA comes with a one-year warranty that can be doubled simply by returning the registration card. And Orchid's dedicated support staff is standing by to assist you. These are the qualities that makes Orchid the leader in innovative PC add-ons.

ORCHID EGA[™]

Technical Specifications

System

Requirements: IBM PC/XT/AT or compatibles

Monitors (TTL): ECD Enhanced Color Display (IBM 5154)

21.85KHz & 15.75KHz H. scan

CD Color Display (IBM 5153)

15.75KHz H. scan

MD Monochrome Display (IBM 5151)

18.43KHz H. scan

Standards

Supported:

EGA Enhanced Graphics Adapter

CGA Color Graphics Adapter

MDA Monochrome Display Adapter

HGC Hercules Graphics Card

Modes:

Text Modes	Char Cell	Colors	Screen Format	Required Monitor
EGA	8 x 14	16/64	80 x 25	ECD
CGA	8 x 8	16	80 x 25	ECD, CD
	8 x 8	16	40 x 25	ECD, CD
MDA	9 x 14	2	80 x 25	MD
HGC	9 x 14	2	80 x 25	MD

Graphics Modes	Graphics Resolution	Colors	Screen Format	Required Monitor
EGA	640 x 350	16/64	80 x 25	ECD
	640 x 350	4/64	80 x 25	ECD
	640 x 200	16	80 x 25	ECD, CD
	320 x 200	16	40 x 25	ECD, CD
CGA	640 x 350	2	80 x 25	MD
	320 x 200	4	40 x 25	ECD, CD
	320 x 200	2	40 x 25	ECD, CD
	640 x 200	2	80 x 25	ECD, CD
MDA	720 x 348	2	80 x 25	MD
HGC	720 x 348	2	80 x 25	MD

Size:

Full length, single board

Connectors:

DB-9 for Video output

Feature connector with 2 RCA jacks

Berg strip for light pen



ORCHID TECHNOLOGY

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