

ADAGE



The high-performance Adage PG 90 Model 10 graphics processor board satisfies the demanding user requirements associated with CAD, CAE, graphic arts (pictured above), and other graphics-intensive applications. (Photo courtesy of MECANORMA/GREPA.)

PG 90™ Model 10 High-Performance PC/AT Graphics Board

The Adage PG 90 Model 10 is a high-performance, plug-in graphics processor board that provides IBM® Personal Computer AT® users with a level of performance and graphics sophistication that previously was available only on high-priced, minicomputer-based systems.

Designed specifically for the PC/AT environment, the Model 10 features fast vector draw speed (70,000 vectors/second) and high-resolution color graphics (1280 x 1024) capabilities which enhance the performance of leading third party software packages.

The Model 10 is a member of Adage's PG 90 family of PC/AT-based graphics products. Ranging from entry-level board sets to complete systems, the PG 90 family satisfies the demanding user requirements associated with CAD, CAE, graphic arts, and other graphics-intensive applications.

Adage, a leading supplier of computer graphics products for over 20 years, is committed to providing its customers with the finest service and support organization in the industry. With direct sales and service offices located throughout the United States, France, Italy, Japan, the United Kingdom, and West Germany — plus leading distributors around the world — Adage provides the full-service capability that you expect from a company dedicated to providing computer graphics solutions.

Model 10 Features

- High Performance: 70,000 vectors/second
(20 pixels/vector)
- High Resolution: 1280 x 1024
- Display Refresh Rate: 60 Hz non-interlaced
- Bit Map Resolution: 2048 x 1024
- Number of Bit Planes: 4 or 8
- Displayable Colors: 16 or 256
- Color Palette: 4096 or 16.7 million
- Graphics Processor: Hitachi HD63484 ACRTC
- CGA™ Overlay: 1280 x 800 (Optional)
- Ergonomic Monitors: 15" & 19" (Optional)
- Ruggedized Monitors: 15" & 19" (Optional)



Corporate Headquarters

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Third Party Software

The PG 90 Model 10 is compatible with a variety of leading third party software packages. The following is a partial list of packages which take advantage of the Model 10's features:

Vendor	Software Package
• Autodesk, Inc.	AutoCAD®
• CADdy Corporation	CADdy Designer
• Grafpoint, Inc.	TGRAF-07™ and TGRAF-15™
• Media Cybernetics, Inc.	HALO® and Dr. HALO II®
• Mega CADD®, Inc.	Design Board Professional™
• Versacad Corporation	VersaCAD® DESIGN

Service and Support

- Worldwide sales and service locations
- Toll-free technical support and service numbers
- On-call and full-service programs available
- Comprehensive user training
- Board exchange service program
- Extensive user documentation
- Worldwide distributor program

Programming Tools

- ACRTC graphics primitives
- Model 10 graphics library
- DMA memory mapping

Specifications

• One 16-Bit AT Slot Required		
• Fast Pixel Dump:	Up to 6 million pixels/second	
• Full Screen Clear:	Less than 13 ms	
• Bit Block Transfer:	1.3 million pixels/second	
• Rectangle Fill:	Up to 1.3 million pixels/second	
• Seed Fill Polygon:	300,000 pixels/second	
• Circle Draw:	12,000 circles/second	
	Four Plane	Eight Plane
• Power:	3.2 A @ +5 Volts	3.8 A @ +5 Volts
• Heat Dissipation:	16 Watts	19 Watts
• Weight (basic board):	1 lb.	1 lb.

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Design Board Professional™ is a trademark of Mega CADD, Inc.

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