

SuperVGA HiRes™ Model 5200-10

Video Graphics Adapter

Features:

- Fully IBM VGA, EGA and MCGA hardware compatible.
- Fully IBM CGA, MDA and Hercules downward compatible.
- CAD Resolution: 1024x768 and 800x600, in 16 colors for Computer-Aided Design and Desktop Publishing.
- Broadcast Quality: 640x480 and 512x512, in 256 colors for Shaded Images and Scanned Input.
- Supports both Analog and TTL monitors.
- Supports up to 80 columns with 66 rows for Word Processing.
- Supports up to 132 columns with 44 rows for Spreadsheets and Databases.
- Includes advanced drivers for AutoCAD, Windows, GEM, Ventura, Framework II, and Lotus 1-2-3.
- Software Diagnostic and Setup Program (SPVGA).
- 512KB of RAM on board, no additional memory required.
- RAMBIOS provides up to four times the graphics performance.



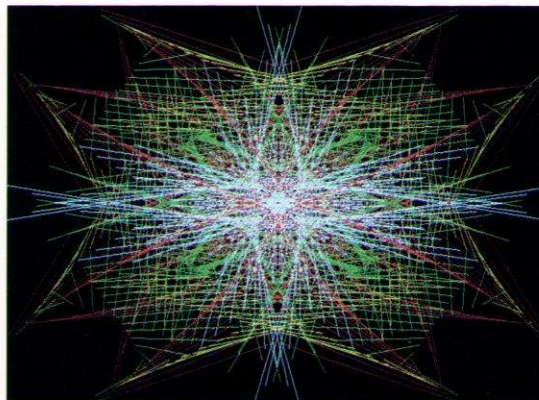
Genoa Systems, the company that invented 800x600 resolution, would now like to introduce the SuperVGA HiRes.

The SuperVGA HiRes offers CAD resolution at the price of a conventional graphics card with 100% IBM Personal System/2 Video Graphics Adapter, VGA compatibility. So you can now run all of your software on a single video card.

The SuperVGA HiRes provides an unprecedented 1024x768 resolution in 16 distinct colors for high resolution business and engineering applications. From the same card, Genoa extends IBM's 256 color game mode to 640x480 and 512x512 resolution to introduce "broadcast quality" to personal computing. "Try to find the dots in our images."

The HiRes is a superset of the basic Genoa SuperVGA card and offers the same popular 800x600 resolution and VGA, EGA, CGA, MDA, and Hercules compatibility. With both analog and TTL monitor connectors, you can choose to upgrade your display when you want to. In all cases, you will see crisp, clear images in the highest resolution available to your computer.

"CAD Resolution" or "Broadcast Quality" — If you want the original design that set the standard in graphics, the Genoa SuperVGA HiRes is the only safe choice.



1024x768 in 16 colors

Specifications:

The SuperVGA HiRes graphics card provides 100% IBM VGA, EGA, CGA, MDA and Hercules compatibility. This card is designed for use with an IBM PC, XT, AT, PS/2 models 25 and 30 and IBM compatible computers.

A nine-pin video connector is provided for use with your TTL monitor. A fifteen-pin video connector is provided for use with your analog monitor. An additional feature connector provides true IBM compatibility.

An IBM 8514 or compatible monitor is recommended to access the extended features of this card. Other displays will provide excellent resolution within the capabilities of the monitor. (Check the tables of the most popular SuperVGA HiRes resolutions for your upgrade path.)

Genoa includes with each SuperVGA HiRes graphics adapter the SPVGA Diagnostic and Setup Program; the ANSI standard driver, GANSI.SYS; and high-performance device drivers for: AutoShade, AutoCAD, Ventura, Windows, GEM, Framework II, and Lotus. The Genoa Systems SuperVGA HiRes carries a one year warranty.

Text formats:

- 130 columns with 25, 29, 32, or 44 rows.
- 80 columns with 25, 29, 32, 44, 60, or 66 rows.

SuperVGA HiRes Graphics Mode	Resolution	Colors	Display Emulation Required (See Note below)
High Resolution	1024 x 768	16	IBM 8514 Display
	800 x 600	16	Multifrequency Display
	720 x 512	256	Analog Display
	640 x 480	256	
	640 x 350	256	
VGA	640 x 480	16	Analog Display
	640 x 480	2	
	320 x 200	256	
EGA	640 x 350	16	Enhanced Color Display
	640 x 350		Monochrome Display
	640 x 200	16	Color Display
CGA	320 x 200	16	
	640 x 200	2	Color Display
Hercules	320 x 200	4	
	720 x 348		Monochrome Display

Note: An IBM 8514 Display also emulates an analog, Enhanced Graphics, Color and Monochrome displays. A multifrequency display also commonly accepts analog as well as EGA, CGA, and MDA input. An analog display will also serve as an EGA, CGA, or MDA monitor.

© Copyright 1988, Genoa Systems Corporation. SuperEGA HiRes+ is a trademark of Genoa Systems Corp. IBM PC, XT, AT, and Personal System/2 are registered trademarks of IBM. Hercules—Hercules Technology Framework—Ashton-Tate. AutoCAD—AutoDesk, Inc. GEM—Digital Research Inc. Lotus 1-2-3—Lotus Development Corp. MultiSync II—NEC Home Electronics, Inc. Multiscan—Sony Corp. Ventura Publisher—Xerox Corp. Windows—Microsoft Corp. Taxan 770—Taxan Corporation.



75 East Trimble Road • San Jose, CA 95131
 Telephone: (408) 432-9090
 Facsimile: (408) 434-0997
 Telex: 172319

Genoa Systems (U.K.) Limited • 140 Brompton Road, Knightsbridge • London SW3 1HY • United Kingdom
 Telephone: 44-01-225 3247 • Facsimile: 44-01-589 7653 • Telex: 915325

Genoa International Ltd., Taiwan Branch • 5th Floor, #180, Chung Hsiao East Rd. • Section 4, Taipei, 10646 • Taiwan, R.O.C.
 Telephone: 886-02-776 3933 • Facsimile: 886-02-776 9036