

Paradise VGA Plus Card™



Exceptional Performance and Guaranteed VGA Compatibility.

The Paradise VGA Plus Card once again pushes IBM's* latest graphic standard to a higher level of performance, providing personal computer users with a video card that surpasses IBM in features and performance and retails at a price that makes it an exceptional value.

Unlike other VGA cards, the Paradise VGA Plus Card is the first video board that is 100% hardware compatible with IBM's new PS/2* VGA graphics, a fact that allows Paradise to offer a limited 3-year warranty that guarantees VGA compatibility.

The Paradise VGA Plus Card Features:

- ▲ 100% VGA compatible—Hardware (register) (software) BIOS
- ▲ Up to 100% faster than the IBM VGA Card
- ▲ Enhanced resolution
132 column text, 65% more text on-screen
800 x 600 in 16 colors out of a palette of 256K
- ▲ Three Year Warranty
- ▲ Three year compatibility guarantee

100% VGA & Pre-VGA Compatibility.

The Paradise VGA Plus Card delivers 100% VGA hardware compatibility in all modes as well

as complete downward compatibility with all pre-VGA graphics standards such as EGA, CGA, MDA, Hercules* and MCGA. It is designed for use with the IBM PC/XT/AT* (80286, 80386), PS/2 Models 25, 30 and compatibles.

A Compatibility Guarantee: Another Paradise First.

Paradise guarantees that if any VGA compatible software fails to run on an IBM PC/XT/AT with the Paradise VGA Plus Card, but will run on the same IBM PC/XT/AT with an IBM PS/2 Display Adapter (without any additional video controller cards), Paradise will replace the card with one that runs the software or give you your money back.



PARADISE™
Western Digital Imaging

Paradise VGA Plus Card Specifications

State-Of-The-Art Resolution.

In addition to the high-resolution VGA performance you'd expect from Paradise, the Paradise VGA Plus Card makes the most of multifrequency and IBM's new analog monitors with an enhanced 132 column mode, allowing you to display 65% more text and spreadsheet information.

256 Colors On The Screen.

The Paradise VGA Plus Card is equipped with a high-performance chip that displays 256 on-screen colors out of a 256K color palette in 320 x 200 mode, rendering the tints and shades demanded by today's most advanced graphics software.

A 100% Performance Boost.

Paradise's VGA chip features a memory arbitration technique that allows the CPU to draw images into memory 100% faster than IBM's VGA. The result: much faster display times. It's also loaded with a full 256K of memory that provides high-resolution, high-performance video display.

The Personal Computer Video Company.

With the Paradise VGA Plus Card, Paradise once again demonstrates its commitment to push the quality of the IBM graphics standard to new levels of performance and convenience. This new half-size card delivers all the VGA benefits at a very attractive price.

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Compatibility:

- Designed to work with the IBM PC/XT/AT (80286, 80386), PS/2 Models 25, 30 and compatibles.

Physical Characteristics:

- Fits IBM PC/XT/AT expansion slots
- Height: 4.2"
- Length: 5 1/4"
- Weight: 6 oz.

Connectors:

- 15 pin connector for all supported monitor types.
- Same edge connectors and feature connector as on IBM PS/2 Display Adapter.

Environmental Limitations:

- Ambient temperature:
 - Storage: -40° to +62°C
 - Operating: +4° to +55°C
- Ambient relative humidity:
 - Storage: 5% to 95% RH
 - Operating: 8% to 80% RH

Electrical:

- Voltage: +5V (±5%)
- Current demand: nominal 0.75A (5V)
- Average power consumption: 4W
- EMI FCC class B

Warranty:

- The Paradise VGA Plus Card carries a 3 year warranty.
- Three year compatibility guarantee

Paradise VGA Plus Supports the Following:

Mode	Resolution:	Colors:	Palette:	Monitors:†
Paradise	800 x 600	16	256K	4
VGA Plus	132 col x 43 row			1-4
	132 col x 25 row			1-4
Standard VGA	640 x 480	16	256K	1-4
	640 x 480	2	256K	1-4
	320 x 200	256	256K	1-4
	320 x 200	64 shades of gray	N/A	1-4
EGA	640 x 350	16	256K	1-4
	640 x 200	16	256K	1-4
	320 x 200	16	256K	1-4
CGA	640 x 200	2	N/A	1-4
	320 x 200	4	N/A	1-4
MDA	80 col x 25 row			1-4
Hercules	720 x 348			1-4

†Monitors: 1-IBM 8503, 2-IBM 8512, 3-IBM 8513, 4-Multifrequency.

*Trademarks: Paradise VGA Plus—Paradise Systems, Inc.; IBM PC/XT/AT, PS/2—International Business Machines Corp.; Hercules—Hercules Computer Technology; Microsoft—Microsoft Corp.; GEM—Digital Research, Inc.; AutoCAD—Autodesk, Inc.; CADvance—CalComp Group, Sanders Assoc., Inc.; Ventura Publisher—Ventura Software Inc. Framework—Ashton-Tate; WordPerfect—Word Perfect Corp.; WordStar—Micro Pro, Inc. Registered Trademarks: Paradise Systems—Paradise Systems, Inc.; IBM—International Business Machines Corp. These specifications are subject to change without prior notice.

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Software Support:

- Paradise VGA Plus Card currently supports the following software in 800 x 600 with 16 colors.
 - Microsoft* Windows 2.0
 - GEM*
 - AutoCAD*
 - CADvance*
 - Ventura Publisher*
 - Framework* II
- Paradise VGA Plus Card includes 132 column mode drivers for the following software:
 - Framework II
 - WordPerfect*
 - WordStar*