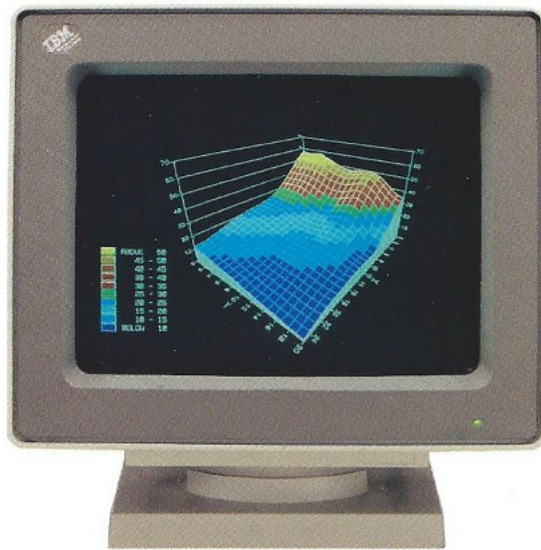


*The next generation  
in personal computing*

## IBM Personal System/2 Color Display 8513



### **Versatile display for graphics and text**

The IBM Personal System/2™ Color Display 8513 fits right in at any office where there is a requirement for prolonged daily use. Whether the daily routine involves doing lots of business graphics, spreadsheet applications or word processing, the 8513 Display adds clarity and definition to all the work.

**A new standard for graphics displays.** Designed for use with the entire line of IBM Personal System/2 computers, the 8513 Display uses analog technology to give you the ability to display your work in an almost unlimited choice of colors.

**Thousands of colors for impressive graphics.** The 8513 Display supports thousands of colors—over 256,000—that enhance pictures and images. With the capability to display up to 256 colors at a time, the display lets you add shades of color to a spreadsheet, for example, to highlight figures for error-free reference.

**Dot pitch display screen for crisp graphics.** The 8513 Display adds extra precision to displayed graphics and text. It features a 0.28mm dot pitch that makes the fine points—like parts in exploded-view diagrams, and figures in a calculation—easy to see. The 8513 Display even lets you view such complicated graphics as architectural drawings and engineering designs with ease.

**Enough screen workspace for your business applications.** The display's 12-inch<sup>1</sup> screen—capable of holding 25 lines of text at a time—gives you plenty of room to work. You have room to insert clip art into a page of text for an illustrated report, for example—or for preparing financial spreadsheets. The screen also has a dark background that increases graphic contrast and makes text stand out for extra readability.

**IBM**

## Highlights

The 8513 Display is a moderately priced color display with the following features:

**Analog technology** provides an almost unlimited selection of colors for text and graphics.

**High screen refresh rates** reduce screen "flicker" for a steady picture.

**0.28mm dot pitch** produces sharp characters that are easy on the eyes during extended use.

**Medium addressability** of 640 x 480 points gives you graphics with crispness and clarity.

**Phosphors and high screen refresh rates** combine to reduce "ghosts" and "smearing." Previously displayed text and graphics disappear quickly when you change screen content.

**Up to 256 brilliant colors** can be displayed at a time from a palette of over 256,000 colors.

**Additional addressability** supports software written for Color Graphics Monitor Adapter (CGA) and Enhanced Graphics Adapter (EGA) modes.

**External contrast and brightness controls** let you vary screen intensity.

**Standard tilt-and-swivel base** allows you to adjust the display to the most comfortable viewing position.

**Etched glass screen** cuts glare from surrounding light sources—important in reducing fatigue and eyestrain.<sup>1</sup>

## What you get

The IBM Personal System/2 Color Display 8513 is packaged in one carton that also contains:

- Setup sheet
- Power cable
- Signal cable
- Tilt-and-swivel base

## Options

The 8513 Display is supported by two optional adapter cards:

- **IBM Personal System/2 Display Adapter** raises the addressability of the IBM Personal System/2 Model 30 in text mode (character box from 8 x 16 to 9 x 16) and provides more colors (up to 16 in the 640 x 480 graphics mode) on the screen at one time. The adapter enables the IBM Personal System/2 Color Display 8513 to be used with IBM Personal Computers.
- **IBM Personal System/2 Display Adapter 8514/A** increases the functions on an IBM Personal System/2 Model 50, 60 or 80. When combined with its optional memory expansion kit, it offers a palette of over 256,000 colors, with 256 on-screen at a time, and enhances performance in the 640 x 480 graphics mode.

Additional functions include programmable character fonts and line types, proportional spacing, hardware line draw, and patterned and multiple-shade area fill.

## Warranty/Service

Every IBM product is built to meet high standards of quality and reliability. So you can count on the 8513 Display to perform smoothly year after year.

The 8513 Display is backed by a one-year limited warranty. And extended service terms are available from IBM and from IBM Authorized Remarketers.

With an IBM Maintenance Agreement, you can arrange for on-site service.

<sup>™</sup> *Personal System/2 and Personal Computer XT are trademarks of International Business Machines Corporation.*

<sup>©</sup> *IBM and Personal Computer AT are registered trademarks of International Business Machines Corporation.*

<sup>1</sup> *Diagonal measurement.*

## IBM Personal System/2 Color Display 8513 at a glance

<b>Description</b>	A medium-addressability, 12-inch <sup>1</sup> analog color display that produces enhanced-quality text and graphics. Featuring a selection of thousands of colors, it uses high screen refresh rates to display a steady picture.
<b>Addressability</b>	9 x 16-dot character matrix (maximum); 720 x 400 dot matrix (text mode); 640 x 480 dot matrix (graphics mode)
<b>Viewing area</b>	Up to 25 lines of uppercase and lowercase text; 80 characters per line; approximately 8.38" W x 6.13" H (212mm x 155mm) (graphics mode); 8.38" W x 5.88" H (212mm x 150mm) (text mode)
<b>Screen</b>	12" (diagonal measurement); etched to reduce glare
<b>Colors</b>	256 colors from a palette of over 256,000
<b>Dimensions</b>	Footprint: 12.63" x 12.25" (321mm x 311mm) Height: 12.3" (312mm) with stand
<b>Weight</b>	approx. 23 lbs. (10.5 kg)
<b>Other features</b>	Brightness, contrast and on/off controls
<b>Supported systems</b>	All IBM Personal System/2 models; the following IBM Personal Computers through the use of an optional adapter: IBM Personal Computer AT <sup>®</sup> system, IBM Personal Computer XT <sup>™</sup> system, IBM Personal Computer XT Model 286, and IBM Personal Computer



© IBM Corp. 1987  
International Business Machines Corporation  
Information Systems Group  
Dept. KPE  
900 King Street  
Rye Brook, NY 10573  
Printed in the United States of America  
4-87  
All Rights Reserved  
G580-0804-00

References in this publication to IBM products or services do not imply that IBM intends to make them available outside the United States.

G580-0804-00

