

*The next generation
in personal computing*

IBM Personal System/2 Monochrome Display 8503



You'll discover that the 8503 Display is ideal for intensive text and number applications—such as legal brief preparation, report writing, spreadsheets and everyday business correspondence. No matter what you're looking at, you'll see a picture that's easy on the eyes. The 12-inch² screen not only holds up to 25 rows of text at a time but is etched to reduce glare.

Paper-white phosphor screen for a bright, natural look.

The 8503 Display has a paper white phosphor screen that makes text and graphics appear crisp and natural. You can even change the screen background from black to white for a look that resembles a printed page.

More addressability for complex graphics.

You'll benefit from the high addressability of the 8503 Display whenever your work includes graphics. The display supports up to 64 shades of gray—letting you highlight charts, categorize tables and spotlight graphs with complete clarity. It even has enough addressability to handle advanced graphics like renderings and blueprints.

Outstanding monochrome readability for advanced text and graphics

Introducing a display that's designed for use in work environments where color is not required. Perfect for people who work primarily with text, the IBM Monochrome Display 8503 is an economical analog display designed for all IBM Personal System/2™ computers.

Analog technology. The 8503 Display provides sharper, clearer monochrome text and graphics—without making a dent in your budget. Colors are automatically converted¹ to up to 64 shades of gray—allowing many software programs written for color displays to be used on this display.

And high screen refresh rates reduce screen "flicker" to give you a consistently stable picture.

IBM

Highlights

You'll find the economical 8503 Display full of features commonly found on more expensive displays.

Analog technology provides a choice of up to 64 shades of gray to give you the ability to highlight or display even complex graphics and images.

High screen refresh rates reduce annoying screen "flicker."

Paper-white phosphor screen produces sharp black-on-white or high-contrast white-on-black text and graphics displays.

Medium graphics addressability reproduces general business graphics clearly.

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

9 x 16-dot character matrix and 1-character-wide text border increase definition and usable screen area.

External contrast and brightness controls let you adjust screen intensity.

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

Etched glass screen cuts glare from external light sources—important in reducing fatigue and eyestrain.

What you get

The IBM Personal System/2 Monochrome Display 8503 is packaged in one carton that also contains:

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

Options

The 8503 Display is supported by two optional expansion 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 gives you more shades of gray (up to 16 at one time) in 640 x 480 graphics mode. In addition, the adapter enables the IBM Personal System/2 Monochrome Display 8503 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 the capability of displaying up to 64 shades of gray at one time.

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 8503 Display to perform smoothly year after year.

The 8503 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.

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¹ *When attached to any model of the IBM Personal System/2 or models of IBM Personal Computers using the IBM Personal System/2 Display Adapter.*

² *Diagonal measurement.*

IBM Personal System/2 Monochrome Display 8503 at a glance

Description	A medium-addressability, 12-inch ² analog monochrome display with exceptional text readability and graphics clarity. Featuring up to 64 shades of gray, it uses high screen refresh rates to display a steady picture.
Addressability	9 x 16-dot character matrix (maximum); 720 x 400 dot matrix (text mode); 640 x 480 dot matrix (graphics mode)
Viewing area	Up to 25 lines of uppercase and lowercase text; 80 characters per line; approximately 8.38" W x 6.13" H (212mm x 155mm)
Screen	12" (diagonal measurement); etched to reduce glare
Color	White and intensified white characters against a black background or black characters against a white background
Dimensions	Footprint: 12.63" x 12.25" (321mm x 311mm) Height: 12.3" (312mm) with stand
Weight	approx. 18.8 lbs. (8.5 kg)
Other features	Character highlighting that includes boldface, reverse image, underlining and blinking; brightness, contrast and on/off controls
Supported systems	All IBM Personal System/2 models; the following IBM Personal Computers through the use of an optional adapter: IBM Personal Computer AT [®] system, IBM Personal Computer XT [™] system, IBM Personal Computer XT Model 286, and IBM Personal Computer



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