



# Tech Info Library

## Macintosh 21 Color Display: Not Designed for PCs, UNIX 8/92

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TOPIC -----

Can the Macintosh 21-Inch Color Display work with PC compatibles or UNIX workstations?

DISCUSSION -----

No. This display is designed and optimized to work only with the Macintosh. Apple designed the Macintosh hardware and software to take advantage of large screen size, multiple monitors, and millions of colors.

Windows and UNIX workstation displays offer pixel areas of 1024 x 768. This provides fewer than a million pixels, which won't display two full pages. The Macintosh 21-inch Color Display provides over a million pixels and offers 27% more viewing area than these displays.

The Macintosh graphics architecture is based on software, while the others (VGA, XGA, UNIX) are based on hardware specifications. This means that the Macintosh takes advantage of many different screen resolutions, while XGA is limited to 640 x 480 or 1024 x 768. The Macintosh architecture supports 24-bit color and multiple monitor configurations. The flexibility of the Macintosh software architecture makes 24-bit color, graphics acceleration, and pivoting displays available on the Macintosh platform.

### Article Change History

08/31/92 Reviewed for technical accuracy.

### Support Information Services

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