

XEROX®

Technology | Document Management | Consulting Services

Xerox DocuColor® 240/250
Digital Color Printer/Copier

Overview



Get easy,
affordable color
that jumps
right off the page.



Get speed, image quality and a great price.

Looking for serious printing performance in the entry-level digital color field? Need a machine that can handle a wide range of applications for Graphic Communications, In-Plant, and Print for Pay? Then you will want to know more about the new, surprisingly affordable Xerox DocuColor 240/250 Digital Color Printer/Copier.

Power, with speed to match. The moderately priced DocuColor 240/250 delivers print speeds that average nearly a page per second—50 ppm color*, 65 ppm monochrome, to be exact. In a big hurry? You will see your first copy in just 4.3 seconds for monochrome, 7.8 seconds for color.

Impressive image quality. We equipped the DocuColor 240/250 with the same high level of print resolution—2400 x 2400 dpi—that you would expect from printers several times its price. This high level of resolution delivers excellent reproduction of fine lines and shadow details.

Software enhancements ensure incredibly precise color registration, too. Automatic density control assures consistent color from first print to last. You can even set color calibration for different types of media, a feature you may not expect from such an affordable digital color printer.

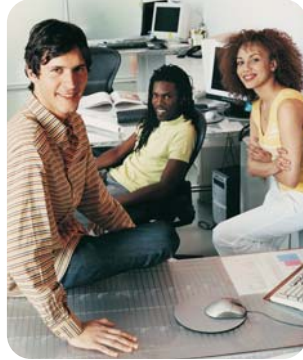
For enhanced image quality, the DocuColor 240/250 uses our latest VCSEL technology with a 32-beam laser. This enables these printers to write data at a quicker rate and at a higher resolution.



*The DocuColor 250 with 24 lb/90 g/m² paper; the DocuColor 240 speed is 40 ppm color, 55 ppm monochrome.

The Xerox DocuColor® 240/250 Digital Color Printer/Copier

Quite a performance package. We made the DocuColor 240/250 with the creative professional in mind. To expand your options, these devices enable you to print on a wide range of substrates, up to 110 lb cover/300 g/m², including transparencies, Xerox DuraPaper®, coated, labels, and more. It is versatile in terms of sizes too. In fact, the DocuColor 240/250 can handle everything from jobs as small as a postcard all the way to tabloid and 13 x 19 in.



Both of these DocuColor printer/copiers have a 250-sheet Duplex Automatic Document Feeder (DADF) and a five-tray, 3260-sheet paper capacity. A wide media latitude lets you handle more applications, outstanding scan speeds (50 ppm color, 80 ppm monochrome) help keep things humming along, and you can choose an offset catch tray, advanced finisher, or professional finisher to complete jobs quickly.

“Extras” that are not extras. Want even more? The DocuColor 240/250 features an enhanced gloss mode for jobs that require a high-gloss finish; a load-toner-while-running capability; two black cartridges for longer run time between changes; and a trickle charge development system for all-day print consistency. All features you would expect from much higher priced machines.

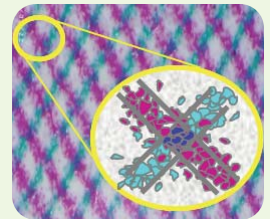
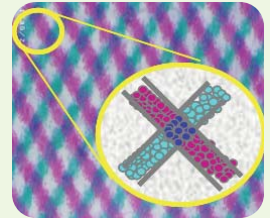
A choice of innovative Color Servers. Team up the DocuColor 240/250 with the Color Server that suits your needs and you have outstanding production capabilities, an easily integrated workflow, and advanced color management. That combination of advantages makes it the product of choice for graphic communication professionals.



Another secret to great image quality: EA HG toner

Xerox continues to pave the way in toner and photoreceptor technology with our breakthrough Emulsion Aggregation High Gloss (EA HG) toner. Rather than ground, this toner is chemically grown, producing very small, highly consistent particles.

The DocuColor 240/250 uses this innovative toner to bring out fine color, excellent shadow detail, and smooth transitions. By using EA HG toner, you can reduce the amount of toner per page needed for coverage; that adds up to real savings.



Nearly 100% of the toner transfers to the print, again reducing waste. And, because EA HG toner bonds at a lower temperature, you also profit from reduced energy consumption.

In addition, EA toner comes in easy loading SMart Kit™ replaceable cartridges that have the developer material included. This provides a constant supply of fresh developer material for consistent color quality, print after print.

Color Servers that make you look good, every time.

When it comes to choosing a stand-alone Color Server for graphic communications, first consider the needs of your particular business and your workflow—where you are today and where you're likely to be in a few years. Xerox offers a choice of three full-featured Color Servers, with various color tools, workflow capabilities, process speeds, and other features. Each offers professional-class color management.

You can be sure that one of these outstanding Color Servers is perfect for your applications and workflow needs.

Xerox FreeFlow™ DXP250 Color Server.

The FreeFlow DXP250 combines unmatched ease-of-use with the productive performance, system management and protection, advanced color management, and advanced security features you expect from Xerox. It features a simple user interface, and works like every other Xerox FreeFlow Color Server, making operator training, solutions integration, and administration extremely easy. Ultra-reliable, production-class Solaris™ 10 platform architecture and the latest DocuSP® software offer plenty of advanced management tools and high-performance features.



EFI® Fiery® EXP250 Color Server.

The EFI EXP250 continues to deliver on the EFI tradition of fast and efficient workflows, accurate and consistent color, made easy with its Graphical User Interface (GUI). The EXP250 delivers fast RIP speeds with its high-speed Pentium® 4, 3.06 GHz processor. It comes with a number of significant production-class features including professional-quality calibration. Several upgrades and optional accessories add even more value to your DocuColor 240/250 system.

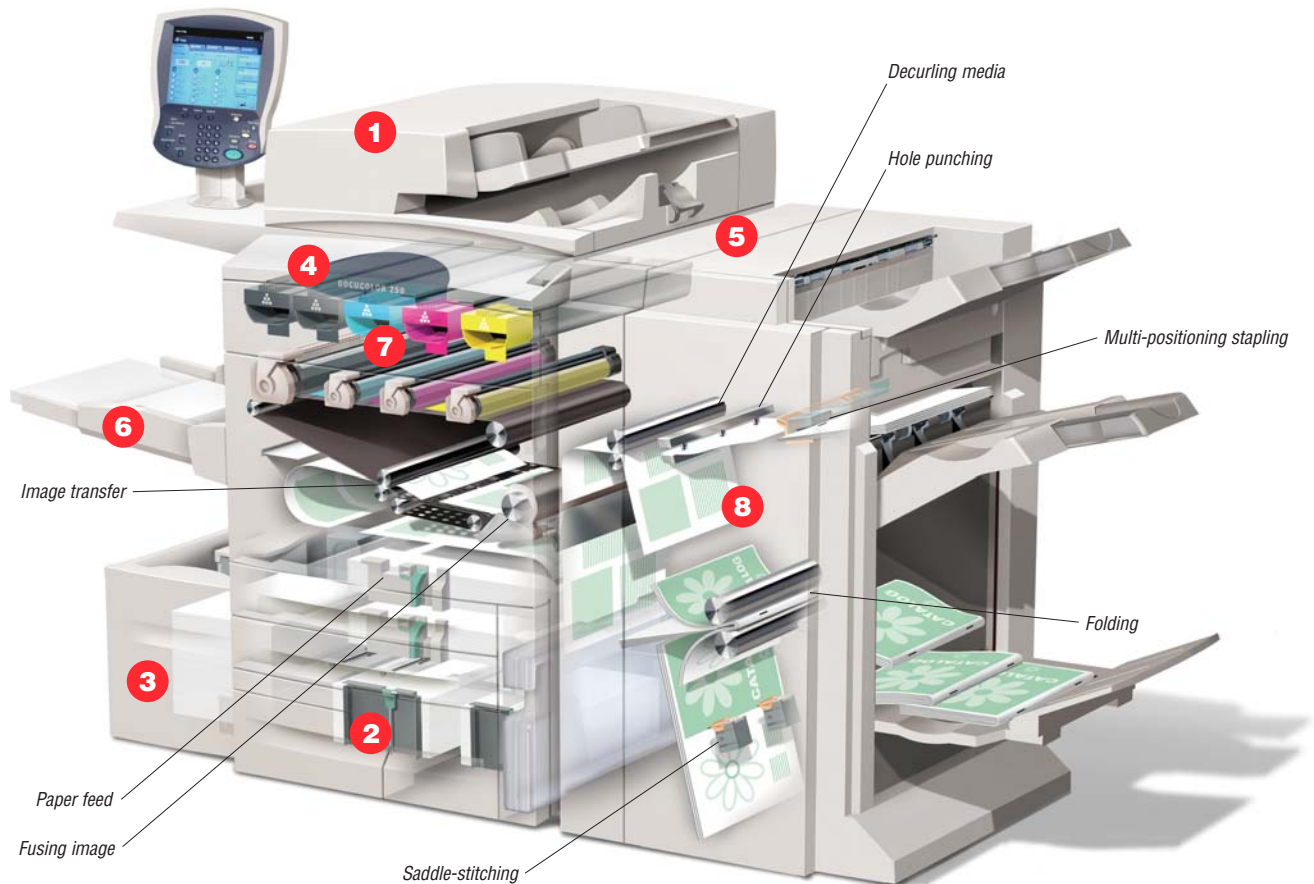


Creo® Spire™ CX250 Color Server.

The Creo CX250 features advanced image enhancement and color management tools, profiling options that emulate different output devices to make proofing easy, and a number of important security features. Maximum performance is assured with its high-speed Pentium 4, 3.2 GHz processor. Non-dedicated operators will appreciate its intuitive Graphic User Interface (GUI). There is even an optional Gallop™ feature that lets you print very long jobs while processing the rest of the file at the same time.



How we put it together, sets it apart.



- 1** 250-sheet Duplex Automatic Document Feeder (DADF) simplifies the copying and scanning of large jobs.
- 2** Five standard trays have a total paper capacity of 3,260 sheets. Every tray can handle custom media. You can set aside an entire tray for the specialty media you use most.
- 3** Just load the optional 2,000 sheet High-Capacity Feeder (HCF) and you're set for those long job runs.
- 4** Increased toner capacity, a real plus. Two black toner SMart Kit™ replaceable units keep replenishment intervention to a minimum, productivity to a maximum.
- 5** Optional finishers add the final touches to your professional documents. (Professional Finisher shown)
- 6** A short, straight paper path prevents jams while providing a heavier media feeding capability and increased reliability. Center-registered feeding results in accurate registration and less paper skew.
- 7** A trickle charge development system, unique to Xerox, maintains print consistency all day long.
- 8** New 2400 x 2400 dpi resolution means excellent image clarity in both prints and copies. To maintain consistently brilliant image quality, the device employs the new Charge Corotron Cleaning Assembly.

When YOU need to be first at the finish.

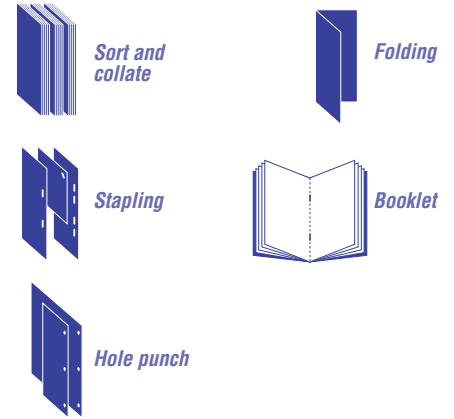
Whether you are designing a brochure, newsletter, or direct mail piece, you want to put your best foot forward. You can do just that with the DocuColor 240/250's Advanced or Professional Finishers, and save a lot of time and effort in the process.

If the DocuColor 240/250's optional 500-sheet Offsetting Catch Tray (OCT) is not enough for your needs, you will like the Advanced Finisher's 3,000-sheet stacker tray. The Advanced Finisher has a 500-sheet top tray and it offers 50-sheet multi-position stapling of up to 50 sheets of 24 lb/90 g/m² paper and hole punching.

The Professional Finisher adds the additional functionality of saddle stitching with center fold for easy booklet making and V-fold brochure assembly. This finisher has a 500-sheet top tray capacity, a 1,500-sheet stacker tray, and a booklet output tray.

A convenience stapler is available for the Professional and Advanced Finishers, and the Offset Catch Tray.

Though not a finisher, it is reassuring to know that if you have a lot of large document sets to print or copy we offer an optional 2,000-sheet High-Capacity Feeder. The HCF boosts the paper capacity of the DocuColor 240/250 from 3,260 sheets to an amazing 5,260 sheets. That is well over 10 reams of 24 lb/90 g/m² paper.



Advanced Finisher



Professional Finisher



High-Capacity Feeder

The Xerox DocuColor® 240/250 Digital Color Printer/Copier

Make your output stand out.

Xerox offers the broadest portfolio of digitally optimized paper and specialty media under one brand, making it easy for you to maximize the capabilities of the DocuColor 240/250 and generate new revenue opportunities.

Choose Xerox-branded media and you will see immediate improvement in document quality, productivity, and affordability. Whether you need to create and print a customized newsletter, brochure, transparency, or label, Xerox paper and specialty media is ideally paired with Xerox digital color technology.

All of Xerox-branded media has been thoroughly tested for optimum performance in our printers, presses, and copiers.



SMart Kits™ are more than just smart. Xerox now offers a whole family of SMart Kit replaceable units for real plug-and-play convenience. These SMart Kit replaceable units are quick and easy to load.

For the DocuColor 240/250 we offer toner cartridges (1 cyan, 1 magenta, 1 yellow, 2 black), drum cartridges (cyan, magenta, yellow, black), charge corotron, fuser module, waste toner container, and staple refill for the optional convenience stapler, Professional, and Advanced Finishers.



FreeFlow™: workflow for The New Business of Printing™. Workflow is the process of managing jobs from creation through final output. The Xerox FreeFlow Digital Workflow Collection is a suite of integrated, standards-based, modular workflow components specifically designed to streamline operations, improve productivity, and enhance the performance of Xerox DocuColor printers—all advantages that are critically important for customers in Graphic Communications, In-Plant and Print for Pay environments. For more on FreeFlow applications and how they can improve your workflow, contact your Xerox representative.



For more information on Xerox DocuColor 240/250 Digital Color Printer/Copier, call **1-800 ASK XEROX** ext.874 or visit us on the Web at: www.xerox.com.

Xerox DocuColor® 240/250 Digital Color Printer/Copier Specifications

Resolution

- 2400 x 2400 dpi (1-bit depth)

Technology

- Load while run capability
- Xerox EA High Gloss toner
- Enhanced high gloss mode
- SMart Kit™ replaceable units for toners, drums, fuser, charge corotron, waste bottle, staples
- Integrated scanner with scan-to-email, scan-to-mailbox capabilities
- Trickle charge development system for better print consistency
- Active decurling for heavy weight media

Productivity/Print Speeds

DocuColor 250:

- 50 ppm color/65 ppm mono 64 – 105 g/m² (18 lb bond to 28 lb bond)

DocuColor 240:

- 40 ppm color/55 ppm mono 64 – 105 g/m² (18 lb bond to 28 lb bond)

DocuColor 240/250:

- 25 ppm Enhanced Gloss mode 64 – 105 g/m² (18 lb bond to 28 lb bond)
- 25 ppm (A4, 8.5 in. x 11 in.) 106 – 176 g/m² (up to 65 lb cover)
- 16 ppm Enhanced Gloss mode 106 – 176 g/m² (up to 65 lb cover)
- 16 ppm (A4, 8.5 in. x 11 in.) 177 – 300 g/m² (up to 110 lb cover)
- Up to 3,000 full process color A4 (letter) 4/0 impressions per hour
- Up to 1,500 A3 (tabloid) 4/0 impression per hour

Paper Format/Sizes

- Maximum sheet size from paper trays: 11 x 17 in.
- Minimum sheet size from paper trays: 5.5 x 8.5 in.
- Maximum Imageable Area: 12.72 x 18.9 in. (323 x 480 mm)
- Bypass paper sizes: 4.13 x 5.83 in. to 13 x 19 in./SRA3

Paper Flexibility/Weights

- Paper weights: 18 lb bond to 80 lb cover (64 – 220 g/m²)
- Bypass paper weights: 18 lb bond to 110 lb cover (64 – 300 g/m²)
- Coated, heavyweight, transparencies, labels, DuraPaper®, tabs

Paper Capacity and Handling

- Standard paper sources/capacity: 4 trays + 250-sheet bypass/3,260 sheets
- Max paper sources/capacity: 4 trays + 250-sheet bypass + HCF/5,260 sheets (optional)
- Two-sided printing: automatic, manual
- Two-sided printing: automatic up to 176 g/m²/65 lb cover, manual up to 300 g/m²/110 lb cover

Options

- Advanced Finisher: 500-sheet top tray, 3,000-sheet stacker tray, multi-position stapling, hole punching
- Professional Finisher: 500-sheet top tray, 1,500-sheet stacker tray, staple, hole punch, V-fold booklet making, saddle stitch booklet maker
- Convenience stapler
- Foreign Interface Kit
- Mobility Plate

Choice of Color Servers

DocuColor 240:

- Creo® Spire™ CX250
- EFI® Fiery® EXP250

DocuColor 250:

- DocuSP® DXP250
- Creo® Spire™ CX250
- EFI® Fiery® EXP250

Electrical

- 120 VAC, 60 Hz, 20 Amp
- Additional requirements for color server

Size/Weight

- Height 54 in./1372 mm
- Width 84 in./2134 mm
- Depth 72 in./1829 mm