

XEROX®

Technology | Document Management | Consulting Services

DocuColor® 240 / 250



printer-copier

DocuColor® 240 / 250 Evaluator Guide



ABOUT THIS GUIDE

This guide will introduce you to the Xerox DocuColor® 240 / 250 color printer-copier, and aid you in your evaluation process.

CONTENTS

Section 1 – Introducing the Xerox DocuColor 250 Printer-Copier. 1

Product overview 1

Feature set 2

Section 2 – Evaluating Color Laser Printer-Copiers 3

Suggests specific features to look for in a printer-copier of this class, how to evaluate that feature and how the DocuColor 250 printer-copier measures up.

Performance and print speed 4

Image quality 6

Scalability 9

Section 3 – Configurations, Specifications, Part Numbers 10

Feature review 10

Competitive comparisons 11

Configuration summary 13

Supplies and accessories. 14

Recommended media 14

Specifications. 15

Specifications for the EFI® Fiery® Network Color Server 16

Information sources. 17

SECTION 1

Product Overview

The DocuColor 240 / 250 is a single-pass, color laser printer-copier product made for color professionals. It offers impeccable image quality, fast speed and incredible value.

And it's versatile. Xerox offers a selection of input devices, advanced finishers, high performance controllers and more. So, whether you're a commercial printer, a pay-for-printer or you run the centralized reproduction department, you can tailor the DocuColor 240 / 250 printer-copier to meet your specific needs.

Performance

The DocuColor 250 printer-copier produces up to an outstanding 50 color pages per minute and up to 65 black-and-white pages per minute. Add to that a blazing first-print-out time as fast as 7.8 seconds in color and as fast as 4.3 seconds in black-and-white.

The DocuColor 240 printer-copier produces up 40 pages per minute in color and up to 55 pages per minute in black-and-white. Like the DocuColor 250, it has a first-print-out time as fast as 7.8 seconds in color and as fast as 4.3 seconds in black-and-white.

Image Quality

The DocuColor 240 / 250 printer-copier provides 2400 x 2400 dpi for terrific print and copy output. You can also take advantage of Enhanced Gloss mode for output that stands out from the crowd.

Plus, this device gives you all the color tools you need to get the color you expect. High quality calibration gives you sharp results, day in, day out. And profiling options enable you to emulate different output devices through the proofing process.

Scalability

There are so many options with the DocuColor 240 / 250 – from advanced finishing options to professional color tools and security features. Busy environments can also add a high-capacity feeder for fewer interruptions.

SECTION 1

Feature Set

Features include:

- Up to 50 ppm color, 65 ppm black-and-white (DocuColor 250)
- Up to 40 ppm color, 55 ppm black-and-white (DocuColor 240)
- First-page-out time as fast as 7.8 color, 4.3 black-and-white
- True 2400 x 2400 dpi printing and copying
- 200,000 page per month duty cycle
- Feed up to 13 x 19 in. / SRA3 media from the 250-sheet Bypass Tray (Tray 5)
- Enhanced Gloss mode
- Electronic Pre-Collation
- Standard 250-sheet DADF
- Up to 3,260 paper capacity (Plus an additional 2,000 sheets with an optional High Capacity Feeder)
- Large toner capacity for extended job runs
- Full-panel, color touch screen
- EFI busted controller

Optional features include:

- Advanced finishing options including stapling, stacking, hole punching, saddle-stapling with center fold, cover sheets
- A selection of world-class controllers*
- 2,000 Sheet Feeder (8.5 x 11 in. / A4)
- 2,000 Sheet Oversize High Capacity Feeder (up to 13 x 19 in. / SRA3+)
- Foreign device interface kit for coin ops, card readers and accounting solutions
- Convenience stapler
- Mobility Plate
- Offsetting Catch Tray (OCT)



DocuColor 250 shown with
2,000-sheet feeder, Professional
Finisher and convenience stapler

* The DocuColor 240 / 250 supports multiple controllers and workflows. For the purpose of this document we will focus on the EFI busted controller.

SECTION 2

Evaluating Color Laser Printer-Copiers

For color professionals, there's nothing more vital than a device that can produce speedy, precise color printouts. As the inventor of laser printing and printer-copier devices, Xerox knows how to deliver. We've invested years of research and development in designing devices that offer fast, accurate and affordable color.

Based on our in-depth understanding of customer needs in color critical environments, Xerox recommends you consider the following criteria in the evaluation process of a color printer-copier product:

Performance and Print Speed

Can it keep up with the demands of multiple jobs and client deadlines?

Image Quality

Does it produce color and clarity that exceed the expectations of color professionals?

Scalability

Are you able to add on functionality as your business grows and changes?



SECTION 2

Evaluating Color Laser Printer-Copiers

EVALUATE PERFORMANCE AND PRINT SPEED

Consider color print speed

Color is where it counts. It has to be as fast as it is precise. So, it's very important to consider color print speed. This ensures the fast turnarounds you need for tight deadlines. Also consider the first-page-out time — key for proofing or quantity-of-one environments.

THE XEROX ADVANTAGE

Ever think your printer could print as fast in color as it does in black-and-white? The DocuColor 250 is not that far off. It prints in color up to an incredibly fast 50 ppm. That's really close to its black-and-white print speed, which is up to 65 ppm. The DocuColor 240 offers fast print speeds as well, with 40 ppm in color and 55 ppm in black-and-white. You'll also enjoy a first-page-out time as fast as 7.8 seconds.

Think about processor speed

Consider the time it takes from clicking “print” to the final delivery of the color document to the output tray. The device has to be able to process large photographic images with ease. Test documents with complex images to see how fast they're processed and printed.

THE XEROX ADVANTAGE

The DocuColor 240 / 250 comes with a robust 2.8 GHz Intel® Celeron® processor and EFI® bustled controller. This ensures fast processing and printing of multiple full-color images. 512MB of memory is dedicating to printing. This can be upgraded to a full 1 GB of memory, giving the device plenty of processing power.

Measure overall performance

Send a mix of color and black-and-white documents of varying types and lengths to the printer. See how the printer performs. It should be a relatively fast and seamless process. And you'll really be able to see the overall performance including: network transmission time, first-page-out time and multi-copy engine speed.

THE XEROX ADVANTAGE

No matter how big or complex the mix of print jobs, the DocuColor 240 / 250 can handle it. With fast print speeds and first-page-out times, a fast network connection and speedy image processing, this device makes work, work for you. Plus, it has five standard trays and a 250-sheet DADF, so you can get the big jobs done without having to reload paper.

SECTION 2

Evaluating Color Laser Printer-Copiers

EVALUATE PERFORMANCE AND PRINT SPEED, cont.

Think about consumables

Never let consumables slow you down. For example, toner. No one wants to run out of it in the middle of a job. That's why you should consider a printer that lets you change toner while you're printing. This keeps your productivity at its highest. No more missed deadlines.

Toner capacity is important too. With a fast printer-copier, you do not want to continually have to replace empty toner cartridges.

THE XEROX ADVANTAGE

The DocuColor 240 / 250 printer-copier was designed so that you can load toner while the machine is still copying or printing. You don't need to wait for the machine to stop and declare a "toner low" message. With two black toner cartridges, your jobs keep running with only the occasional request for toner.

Plus, all Xerox consumables, or SMarT Kit™ replaceable units, are easy to load. Anyone can do it with no problem whatsoever.



SECTION 2

Evaluating Color Laser Printer-Copiers

EVALUATE IMAGE QUALITY

Look for precision resolution

Do images look sharp and crisp? Are they absolutely clear with defined edges? Your printout should meet the expectations of professional color experts. Make sure you examine a print sample to ensure it meets the highest quality standards.

THE XEROX ADVANTAGE

With 2400 x 2400 dpi for both copy and print you can be sure you're getting incredible resolution for outstanding output. It's excellent for printing photographs and fine lines. And when you really want images to pop, you can choose the Enhanced Gloss Mode for great results.

Ensure faithful color reproduction

Look for uniformity and consistency in large areas of solid fill. Check for smooth transitions where edges meet. Check that the image quality and color remain consistent page after page, particularly after 100 or 200 prints of the same image. Does the printer perform periodic automatic calibration to maintain print-to-print consistency?

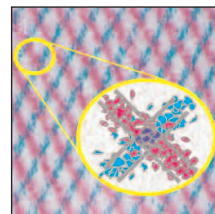
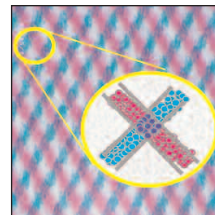
THE XEROX ADVANTAGE

Xerox is the leading innovator in toner and photoreceptor technology. From its pioneering work with carbon-based toner in the 1950s – creating the copier marketplace – to the latest breakthrough, Emulsion Aggregate (EA) toner, Xerox continues to pave the way.

The DocuColor 240 / 250 utilizes EA toner, which is chemically grown, rather than ground, resulting in very small, consistent particles. This brings you fine color detail and smooth transitions. Plus the toner cartridges (also called SMart Kit™ replaceable units) have developer material, or carrier, included. This allows the constant addition of fresh developer material for consistent color quality – copy after copy, print after print.

Automatic density control also assures consistent color from the first print to the one-hundredth and the one-thousandth.

You can even set color calibration for different types of media. For example, you might want to bring out true skin tones on a media that has a bright white finish. With this feature you can get realistic colors on almost any type of media.



SECTION 2

Evaluating Color Laser Printer-Copiers

EVALUATE IMAGE QUALITY, cont.

Check for color matching capabilities

In color critical environments, it's vital that the color you expect is the color you get. Make sure your device comes with advanced color management and profiling options that enable you to emulate different output devices and control color output. This way you can be sure your printouts come out just how you imagined, at every stage in the process.

THE XEROX ADVANTAGE

Xerox gives you advanced color management tools and profiling options. You can create your own profiles that allow you to proof your documents to other engines, such as a printing press, web pages, a copier or a digital press. This way you can optimize the color output (e.g. saturated, cooler, warmer) at every step and eliminate surprises in the production phase.

With the addition of the Splash RPX-i workflow software you can get the professional color management tools (e.g., ColorTuner, Color Spot Editor and CMYK Color Profiles) to manage the most demanding color matching job. The Splash legacy is one that benefits the color printing professional. Splash workflow software takes the color image quality of the DocuColor 240/250 to new levels.

Include a variety of elements in your test pages

Try color graphics, photo images, adjacent primary colors, large areas of solid color, color blends and gradients and text in various typefaces, sizes and colors.

THE XEROX ADVANTAGE

When your document includes mixed elements such as graphics, text and photos, Xerox automatically color corrects each graphic element on the page. This ensures you get the sharpest text, brightest colors and the life-like images contained in your original file.



SECTION 2

Evaluating Color Laser Printer-Copiers

EVALUATE IMAGE QUALITY, cont.

Use different kinds of media

With some color printers, color may change depending on the media you use. The quality may lessen with different paper textures, like cover stock or transparencies. And in creative environments, the last thing you want to do is reject an idea because you can't execute it properly. So test out different kinds of media to ensure consistently terrific color output.

THE XEROX ADVANTAGE

The DocuColor 240 / 250 was made with the creative professional in mind – to expand your options, rather than limit them. This device enables you to print on a wide range of papers – up to 110 lb Cover / 300 gsm – including transparency, synthetic, recycled, coated, DocuCard™ and more. And it handles media sizes as small as postcard, all the way up to tabloid and 13 x 19 in. / SRA3 sized paper.

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. Whether you need to create and print a customized newsletter, brochure, transparency, label, ID card, or durable document, Xerox paper and specialty media is your best choice.



Check source file compatibility

Can the printer handle all the versions of PCL® or Adobe® PostScript® that the software might produce? Some popular graphic applications depend on true PostScript compatibility for the best color quality and most accurate proofing capability.

THE XEROX ADVANTAGE

No matter what application you're using, Xerox has you covered. The DocuColor 240 / 250 with the EFI busted controller offers true Adobe® Postscript® 3™ and PCL® emulation, so everything you print turns out the way you expect it – wonderfully. The Splash RPX-i option also supports Adobe PostScript 3.

SECTION 2

Evaluating Color Laser Printer-Copiers

EVALUATE SCALABILITY

Think about finishing options

Sometimes the little things can make a big impression. Such as a presentation that's neatly collated, stacked and professionally stapled. That's just one reason you should consider finishing options in your office game plan. They can make documents look great, and save you time and effort by doing finishing tasks for you...such as collating, stapling and even hole punching.

THE XEROX ADVANTAGE

With the DocuColor 240 / 250, you have two finisher options – the Advanced or Professional. The Advanced Finisher offers 50-sheet multi-position stapling and hole punching, plus stacking of up to 3000 sheets. The Professional Finisher provides even more functionality with saddle-stitched booklet making, V-fold brochure assembly, 50-sheet multi-position stapling and hole punching. The Professional Finisher can also handle up to 1,500 stacked sheets.

Consider controller options

Does your controller have ample color management tools? Does it help your workflow, rather than complicate it? These are things you should think about. Also, take a look at the RIP speed and determine if it processes information quickly enough. Do you have the option to upgrade if you need it?

THE XEROX ADVANTAGE

The DocuColor 240 / 250 comes with a bustling EFI® Fiery® Controller that offers a 2.8 GHz Celeron® Processor for speedy processing, plus color calibration tools, genuine Adobe® Postscript® 3™, variable information printing tools, options for densitometer support and more. With the addition of the Splash RPX-i workflow software, color professional users can perform those demanding color matching tasks with ease.

Xerox also offers a wide selection of world-class standalone controllers and graphic arts upgrades. These give you more color tools, additional workflow capabilities and faster RIP speeds. It's all about meeting the needs of your specific business, and then giving you options as your business grows and changes.

Check out security features

You need to protect your and your customer's sensitive information. Determine if the system you're considering has options such as controlled access to files.

THE XEROX ADVANTAGE

Xerox provides many security options that ensure data security. And with the DocuColor 240 / 250, you are able to select the level of security you desire. The copier has a hard disk drive that can be erased under the direction of a system administrator. Plus, additional options can be employed to protect sensitive information on the controller's hard disk drive.



Finishing Options on DocuColor 240 / 250



Sort and collate



Stapling



Hole punch



Folding

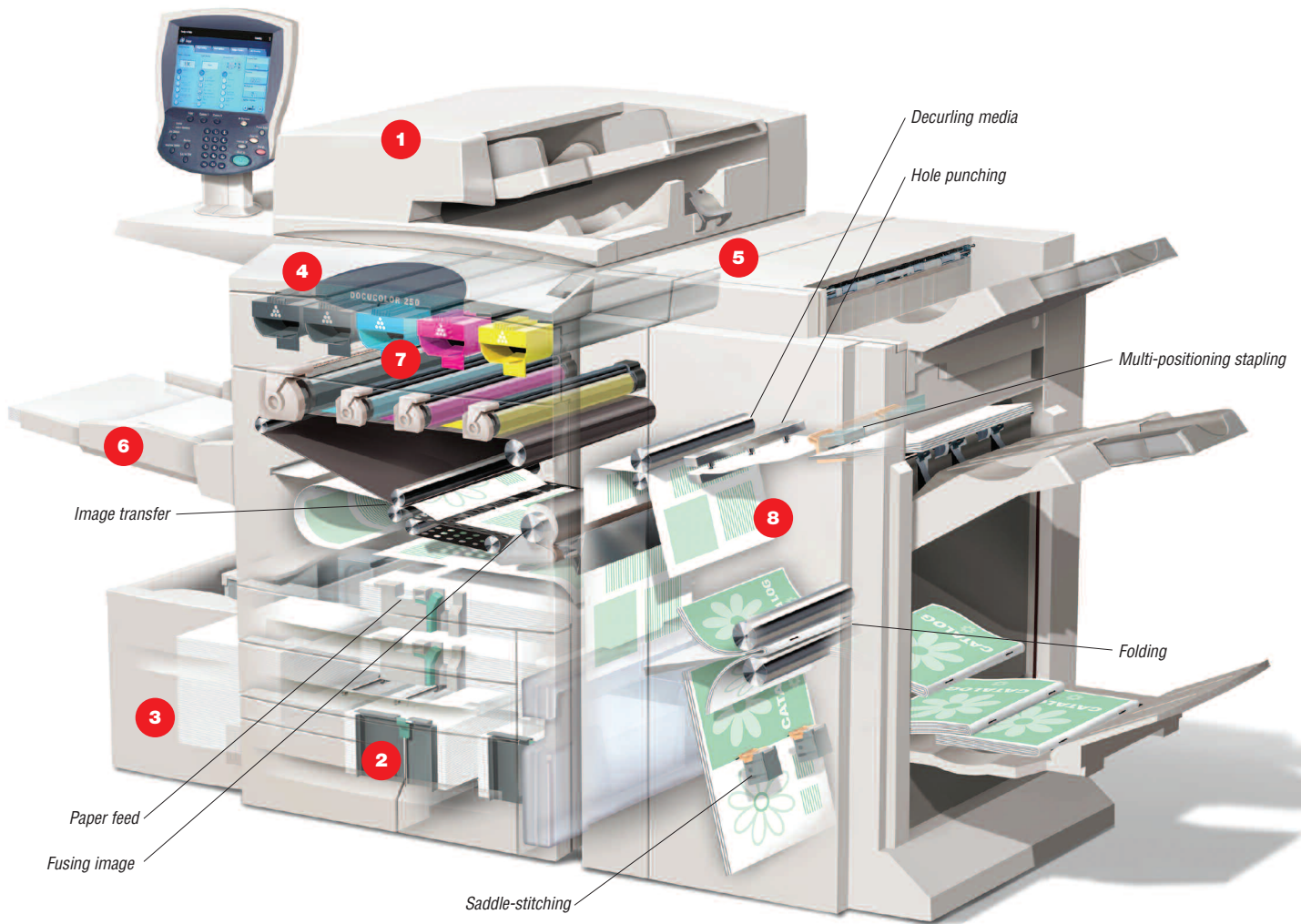


Booklet

SECTION 3

Configurations, Specifications, Part Numbers

Feature review



SECTION 3

Configurations, Specifications, Part Numbers

Competitive comparisons

	Xerox DocuColor® 240/250	Ricoh Aficio® Color 5560	Konica Minolta bizhub™ Pro C500	Canon imageRUNNER® C3220	Canon® CLC 5100
Also sold as	None	Gestetner® CS555 Lanier® LC155 Savin® SDC555	IKON® CPP™ 500	None	None
Type	Color Printer / Copier / Scanner	Color Printer / Copier / Scanner	Color Printer / Copier / Scanner	Color Copier / Printer Optional: Scanner / Fax	Color Printer / Copier / Scanner
Engine architecture	Micro-Tandem, Intermediate Transfer Belt	Micro-Tandem, Intermediate Transfer Belt	Micro-Tandem, Intermediate Transfer Belt	Micro-Tandem, Intermediate Transfer Belt	Laser, direct transfer
Toner	EA HG Toner	Polymerized Toner	Polymerized Toner	Canon S Toner (chemical)	Canon Finer Brighter Toner (conventional)
Duty cycle (pages per month)	Up to 200,000	Up to 150,000	Up to 150,000	Up to 50,000	Up to 200,000
PRINTER					
Maximum speed (color / black-and-white)	DocuColor 250: 50 ppm / 65 ppm DocuColor 240: 40 ppm / 55 ppm	55 ppm / 60 ppm	50 ppm / 50 ppm	32 ppm / 32 ppm	51 ppm / 51 ppm
First-page-out time (as fast as)	7.8 seconds color / 4.3 seconds black-and-white	7.5 seconds color / 6.5 seconds black-and-white	7.6 seconds color / 6 seconds black-and-white	13.1 seconds color / 9.8 seconds black-and-white	14 seconds
Warm-up time (from power off)	Less than 2.5 minutes	5 minutes	6.5 minutes	6 minutes	9 minutes
Resolution	True 2400 x 2400 dpi	600 x 600 dpi	2400 x 600 emulation, 600 x 600 dpi	2400 x 600 emulation, 600 x 600 dpi	800 x 400 emulation, 400 x 400 x 8 bit
Gloss mode	Yes	No	Yes	No	No
Gradient	Contone	Contone	Contone	Contone	Contone
Printer memory (std / max)	256 MB / 512 MB	512 MB / 1 GB	256 MB / 512 MB	1 GB / 1 GB	512 MB / 1 GB
Standard controller	EFI® bustled	EFI bustled	EFI bustled	All controllers optional	All controllers optional
Processor	EFI bustled: 2.8 GHz Intel® Celeron® EFI external: 3.06 GHz Pentium® 4 Creo® controller: 3.2 GHz Intel Pentium 4 FreeFlow® controller: 1.8 GHz AMD Opteron® 244	EFI E-7000: 2 GHz Intel Celeron EFI E-8000: 3.06 GHz Intel Pentium 4	Standard EFI controller: 850 MHz Pentium III EFI external: 2 GHz Intel Pentium 4 Creo: 3.2 GHz Intel Pentium 4	Canon controller: 250 MHz EFI bustled: 850 MHz Intel Pentium III EFI external: 2.4 GHz Intel Pentium 4	EFI external 6100: 2.4 GHz Intel Pentium 4 EFI external 7100: 3.06 GHz Intel Pentium 4 EFI external 7500: 3.2 GHz dual Intel Xeon EFI external 7400: 2.8 GHz dual Intel Xeon
Hard drive	EFI bustled: 80 GB EFI external: 80 GB Creo: 240 GB FreeFlow: 2x73 GB (SCSI)	EFI E-7000: 40 GB EFI E-8000: 80 GB	Standard EFI controller: 40 GB EFI external: 60 GB Creo: 240 GB	Canon controller: 40 GB EFI bustled: 20 GB EFI external: 60 GB	EFI external 6100: 80 GB EFI external 7100: 160 GB EFI external 7500: 2 x 160 GB EFI external 7400: 320 GB
Language support	EFI bustled/EFI external: Adobe® PostScript® 3™, PCL® 6C emulation Creo, DocuSP, Splash RPX-i: Adobe PostScript 3	Adobe PostScript 3	Standard EFI controller: Adobe PostScript 3, PCL 6C EFI external: Adobe PostScript 3	Canon controller: PCL 5c, Adobe PostScript 3, UFR EFI bustled: Adobe PostScript 3, PCL 5c EFI external: Adobe PostScript 3	All EFI controllers: Adobe PostScript 3,
Connectivity	10/100/1000Base-T	10/100/1000Base-T	10/100/1000Base-T	10/100Base-T	10/100Base-T
PAPER HANDLING					
Two-sided printing	Standard automatic	Standard automatic	Standard automatic	Standard automatic	Standard automatic
Two-sided media weight max	47 lb. bond (176 gsm)	34 lb. bond (128 gsm)	53 lb. bond (209 gsm)	Information not available	43 lb. bond (163 gsm)
Load media while run	Yes	Information not available	Yes	No	No
Std paper source(s) / Capacity	4 trays + 250-sheet bypass / 3,260 sheets	4 trays + 100-sheet bypass / 3,400 sheets	3 trays + 250-sheet bypass / 1,750 sheets	2 trays + 100-sheet bypass / 1,200 sheets	2 trays + 250-sheet bypass / 1,350 sheets
Max paper source(s) / Capacity	4 trays + 250-sheet bypass + HCF / 5,260 sheets	4 trays + 100-sheet bypass + HCF / 7,400 sheets	3 trays + 250-sheet bypass + HCF / 4,250 sheets	4 trays + 100-sheet bypass + HCF / 5,000 sheets	3 trays + 250-sheet bypass / 4,850 sheets
Paper weights	16 lb. bond to 110 lb. index (60 gsm to 220 gsm)	14 lb. bond to 72 lb. index (64 gsm to 203 gsm)	17 lb. bond to 110 lb. index (64 gsm to 203 gsm)	17 lb. bond to 110 lb. Index (64 gsm to 209 gsm)	20 lb. bond to 28 lb. bond (75 gsm to 105 gsm)
Paper sizes	5.5 x 8.5 to 11 x 17 in.	Up to 12 x 18 in.	Up to 13 x 19.2 in.	10.5 x 7.25 to 12 x 18 in.	8.5 x 5.5 to 11 x 17 in.
Bypass paper weights	16 lb. bond to 170 lb. index (64 gsm to 300 gsm)	Bypass & HCF: 14 lb. bond to 140 lb. index (52 gsm to 253 gsm)	Bypass & HCF: 17 lb. bond to 140 lb. index (64 gsm to 253 gsm)	17 lb. bond to 140 lb. index (64 gsm to 253 gsm)	17 lb. bond to 140 lb. index (64 gsm to 253 gsm)
Bypass paper sizes	4.13 x 5.83 to 13 x 19 in. / SRA3	Up to 12 x 18 in.	Up to 13 x 19.2 in.	3.3125 x 5.875 to 12.625 x 18 in.	8.5 x 5.5 to 12 x 18 in.

SECTION 3

Configurations, Specifications, Part Numbers

Competitive comparisons

	Xerox DocuColor 240 / 250	Ricoh Aficio® Color 5560	Konica Minolta bizhub Pro C500	Canon imageRUNNER C3220	Canon CLC 5100
SCANNER					
Scan resolution (up to)	600 x 600 dpi	600 x 600 dpi	600 x 600 dpi	600 x 600 dpi	400 x 400 dpi
Scan speed	50 ppm color/ 80 ppm black-and-white	45 ppm color / 60 ppm black-and-white	37 ppm	23 ppm color / 36 ppm black-and-white	Information not available
Scan to email	Yes (EFLb and external only)	Yes	Yes	Yes	Information not available
Scan to mailbox	Yes	Yes	Yes	Yes	Information not available
COPIER					
DADF	Standard: 250 sheets	Standard: 100 sheets	Optional: 100 sheets	Standard: 30 sheets	Optional: 100 sheets
DADF paper sizes	Up to 11 x 17 in.	Up to 11 x 17 in.	Up to 11 x 17 in.	STMT: 12 x 18 in.	STMT: 11 x 17 in.
DADF paper weights	13 lb. bond to 110 lb. index (38 to 200 gsm)	11 lb. to 34 lb. bond (128 gsm)	Up to 120 lb. index (215 gsm)	14 lb. bond to 28 lb. bond (52 to 105 gsm)	10 lb. to 110 lb. index
Mixed original detection	Yes	Yes	Yes	Yes, same width only	Information not available
FINISHER					
Finisher options	Advanced Finisher: 3,500 sheets Professional Finisher: 2,000 sheets	Staple Finisher: 3,000 sheets Booklet Finisher: 2,000 sheets	Staple Finisher: 3,000 sheets Booklet Finisher: 2,500 sheets	Basic Finisher: 1,000 sheets Office Finisher: 1,000 sheets Saddle-Stitch Finisher: 1,000 sheets	Offset Stacker: 3,000 sheets High-Capacity Stacker: 2,500 sheets Nagel Finisher: 16 booklets
Hole-punch unit	Yes: standard on Advanced and Professional finishers	Yes: 3- or 2-hole option	Yes: 3- or 2-hole option	Information not available	Information not available
Other options	Convenience stapler, Foreign Interface Kit	High capacity feeder (A4 only), 9-bin mailbox, Cover interposer tray	Trim unit, Post sheet inserter	None	Trimmer
ADDITIONAL INFORMATION					
SMart Kit™ replaceable units	Toners, Drums, Fuser, Charge Corotron, Waste bottle, Staples	Toner, Staples	Toner, Staples	Toner, Staples	Toner, Staples
Load toners while run	Yes	No	Yes	No	No
Personalizable user interface	Standard	No	No	Optional	No
Dimension (H x W x D)	53.9 x 62 x 36.3 in. (1369.2 x 1573.6 x 921 mm)	41.3 x 29.5 x 33.5 in. (1050 x 750 x 850 mm)	41.625 x 31.25 x 35 in.	31.5 x 24.375 x 31 in.	39.4 x 66.6 x 28.7 in. (1000 x 1692 x 730 mm)
Weight (machine only)	502 lb.	656.9 lb. (298 kg)	551 lb.	277 lb. (126 kg)	1,217 lb. (552 kg)
Power requirements	120 V AC, 60 Hz, 15 A	120 V, 60 Hz, 20 A	208 V - 240 V, 60 Hz	120 V AC, 60 Hz, 15 A	208 V - 240 V, 15 A, 60 Hz
ADVANTAGES AND DISADVANTAGES					
	<ol style="list-style-type: none"> 1. Largest media weight and capacity in its class 2. Outstanding print quality at 2400 x 2400 true dpi 3. Complete CRU strategy with SMart Kit replaceable units 4. Fastest warm up time in its class 5. Highest duty cycle 6. Xerox Total Satisfaction Guarantee 	<ol style="list-style-type: none"> 1. Slower monochrome speed 2. Longer warm-up time 3. Limited media capacity and weight 4. No CRU strategy 5. Slower FPOT 6. Image quality limited 7. No Creo controller option 8. No Total Satisfaction Guarantee 	<ol style="list-style-type: none"> 1. Slower monochrome speed 2. Longer warm-up time 3. Limited media capacity and weight 4. No CRU strategy 5. Lower duty cycle 6. No Total Satisfaction Guarantee 	<ol style="list-style-type: none"> 1. Significantly slower color and black-and-white print speeds 2. Image quality limited and no gloss mode 3. Limited finishing with no hole punch option 4. Longer warm-up time 5. Much lower duty cycle 6. No Total Satisfaction Guarantee 	<ol style="list-style-type: none"> 1. Older engine technology with direct to media image transfer and conventional toner 2. No hole punch option with finishers 3. Longer warm-up time 4. Image quality limited to 800 x 400 emulation 5. No CRU strategy 6. No Total Satisfaction Guarantee

SECTION 3

Configurations, Specifications, Part Numbers

Configuration summary



	DocuColor 240	DocuColor 250
Speed (Color / Black-and-white)	Up to 40 ppm / 55 ppm	Up to 50 ppm / 65 ppm
Duty Cycle	Up to 200,000 pages per month	
Paper Handling	250-sheet Bypass Tray; Two 500-sheet 11 x 17 in. / A3 Paper Trays; One 870-sheet 8.5 x 11 in. / A4 Paper Tray; One 1,140-sheet 8.5 x 11 in. / A4 Paper Tray (Total 3,260 sheets)	
Paper input	Standard	
	Optional	
	2,000-sheet Letter-Size High-Capacity Feeder (8.5 x 11 in. / A4) 2,000-sheet Oversize High-Capacity Feeder (up to 13x 19 in. / SRA3+)	
Paper output	Optional	
	Offsetting Catch Tray (OCT) Advanced Finisher: 500-sheet top tray, 3,000-sheet stacker tray, hole punching and multi-position stapling Professional Finisher: 500-sheet top tray, 1,500-sheet stacker tray, hole punching, multi-position stapling, V-fold booklet making, saddle-stitch booklet maker	
Copy		
Pre-collation memory	256 MB plus 80 GB hard disk drive	
First-page-out time	As fast as 7.8 seconds color / 4.3 seconds black-and-white	
Copy resolution	2400 x 2400 dpi	
Copy features	Reduction / enlargement (25% – 400%), Enhanced gloss level, Book copying / two-sided book copying, Mixed-sized originals, Image rotation, Edge erase, Mirror / negative images, Image shift, Booklet creation, Multi-Up, Annotation and set numbering, Covers, Poster mode, Repeat Image, Build Job, Delete inside / outside editing	
Print		
Print resolution	2400 x 2400 dpi	
Scan		
Scan resolution	200 x 200 dpi, 300 x 300 dpi, 400 x 400 dpi, 600 x 600 dpi	
Other Options	Foreign Interface Kit, Feature Information Board, Convenience Stapler	

SECTION 3

Configurations, Specifications, Part Numbers

Supplies and accessories

CONSUMABLES AND ROUTINE MAINTENANCE ITEMS

DESCRIPTION	DETAILS	PART NUMBER
Toner Cartridges (Standard Capacity*)	Black	006R01219
	Cyan	006R01222
	Magenta	006R01221
	Yellow	006R01220
Waste Toner Bottle	50,000 Impressions	008R12990
Black Drum Cartridge	150,000 prints	013R00602
CMY Drum Cartridge	65,000 prints	013R00603
Fuser Assembly (120 V)	Heat Roller, Fuser Belt, NC sensor, Thermostat, Lamp and Baffle 160,000 Impressions	008R12988
Fuser Assembly (220 V)	Heat Roller, Fuser Belt, NC sensor, Thermostat, Lamp and Baffle 160,000 Impressions	008R12989
CC Assembly for Black Toner Cartridge		013R00604
Staple Cartridge	For use with Finishers	008R12964
Staple Refill	For use with Finishers and Convenience Stapler	008R12941
Staple Cart	For use with Professional Finisher Booklet Maker	008R12925

* Yields are estimated on 5% area coverage on a letter page (8.5x11" / A4)

OPTIONS/UPGRADES/ACCESSORIES

DESCRIPTION	DETAILS	PART NUMBER
High Capacity Feeder	2,000-sheet capacity (8.5 x 11 in. / A4)	097S03304
Oversize High Capacity Feeder	2,000-sheet capacity (up to 13 x 19 in. / SRA3+)	97S03574
Advanced Finisher	1,000-sheet capacity	097S03306
Professional Finisher	1,000-sheet capacity	097S03305
Mobility Plate		098S04320
Convenience Stapler Kit (110 V)		098S04887
Convenience Stapler Kit (220 V)		098S04888
Foreign Interface Kit		098S04753
Offsetting Catch Tray (OCT)		497K02420

Recommended Media

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 your Xerox DocuColor 240 / 250 and generate new revenue opportunities. Whether you need to create and print a customized newsletter, brochure, transparency, label, ID card, or durable document, Xerox paper and specialty media is your best choice.



SECTION 3

Configurations, Specifications, Part Numbers

Specifications

PHYSICAL DIMENSIONS

DIMENSION	BASE DEVICE	BASE DEVICE WITH FINISHER
Height	53.9 in. (1369.2 mm)	53.9 in. (1369.2 mm)
Width	62 in. (1573.6 mm)	82.5 in. (2096 mm)
Depth	36.3 in. (921 mm)	36.3 in. (921 mm)
Weight (unpackaged)	502 lbs. (228 kg)	

POWER

FUNCTION	POWER USED
Continuous printing	2112 VA
Low Power mode	≤ 300 watts
Sleep mode	≤ 95 watts

PRINT QUALITY MODES

MODE	DESCRIPTION	MAXIMUM SPEED
Standard	Normal default printing mode	Up to 50 ppm color / 65 ppm black-and-white (DocuColor 250) Up to 40 ppm color / 55 ppm black-and-white (DocuColor 240)
Enhanced Gloss	Increase gloss level for high-quality image printing/copying	Up to 25 ppm color / 33 ppm black-and-white

SECTION 3

Configurations, Specifications, Part Numbers

Specifications for the EFI® Fiery® Network Color Server on the Xerox DocuColor 250

Processor	Intel® Celeron® 2.0 GHz (minimum)
Memory	512 MB
Hard Disk Drive	80 GB
Controller Operating System	Linux
Network Connectivity	Ethernet 10/100/1000 Base-T Autosensing
Page Description Languages	Adobe® PostScript® 3™ (v3016) PCL 6C (emulation)
Print Specifications	Print resolution 2400 x 2400 dpi Pages per minute Up to 40 ppm color, 55 ppm black-and-white (DocuColor 240) Up to 50 ppm color, 65 ppm black-and-white (DocuColor 250) First-print-out time As fast as 7.8 seconds color, 4.3 seconds black-and-white
Scan Resolution	200 x 200 dpi 300 x 300 dpi 400 x 400 dpi 600 x 600 dpi
Maximum Image Size	Print Maximum Area – 12.6 x 18.7 in. (323 x 480 mm) Maximum Guaranteed – 12.4 x 18.7 in. (317 x 480 mm) Scan Maximum Area – 11.6 x 16.8 in. (297 x 432 mm) Maximum Guaranteed – 11.6 x 16.8 in. (297 x 432 mm)
Print Drivers	<i>Fiery Driver 2.0 (Bi-Directional) support for:</i> Windows® 2000 Windows® XP Windows® 2003 Server Mac OS® 9.2 / 10.2.3 and later
Driver Certification	WHQL Certified
Fiery Utilities / Features	<i>(enabled on PC and Apple Operating systems)</i> Command WorkStation 4.x EFI ColorWise Fiery Downloader Fiery WebTools Fiery Remote Scan FreeForm for Variable Data Printing Spot-On Color Auto Trapping
Calibration	ColorCal® (standard) X-Rite® DTP 32 Series II Densitometer (optional)
Document Management	RIP while print Continuous Print Face-up and Face-down printing Fiery Scan and Scan-to-Job templates Fiery Driver 2.0 based booklet creation
Standard Color Profiles	Printer's default SWOP-Coated DIC Euroscale
Fonts	136 Adobe fonts 80 PCL 6C (emulation) fonts
Options	X-Rite DTP 32 Series II Densitometer Secure Disk Erase 512 MB Memory Upgrade (requires v1.1 Fiery software) EFI Color Profiler EFI Impose 2.5 Splash RPX-i workflow software
Security	Secure Disk Erase Scan to mailbox / Job template password
Power Requirements	Controller power supplied by the DocuColor 240 / 250 engine. No additional power service is required. 110v – 20 Amp / 220 – 240v – 10 Amp

SECTION 3

Configurations, Specifications, Part Numbers

Information sources

DocuColor 240 / 250 Training and Information CD (packaged and shipped with the product) is an interactive method to instruct the user on how copy and print operations can be accomplished.

System Configuration Pages

Printed at full system power on sequence.

Support

There is additional help, software and driver updates available at **www.xerox.com/office/support**

Web Links

Xerox provides many resources to help you learn more about your Xerox printer-copier device. Use these web sites to obtain information about your Xerox product:

- To link to product and supplies information, download printer drivers, view documents, and access support information: **www.xerox.com/office**
- To access the troubleshooting knowledge base used by Xerox Customer Support staff: **www.xerox.com/office/infoSMART**
- To find your local sales and support center: **www.xerox.com/office/contacts**



Questions? Comments? Problems?

If you have any questions or
issues with your printer-copier,
please contact your Xerox
sales representative at
1-800-ASK-XEROX.

Or visit us on the web at
www.xerox.com/office

