

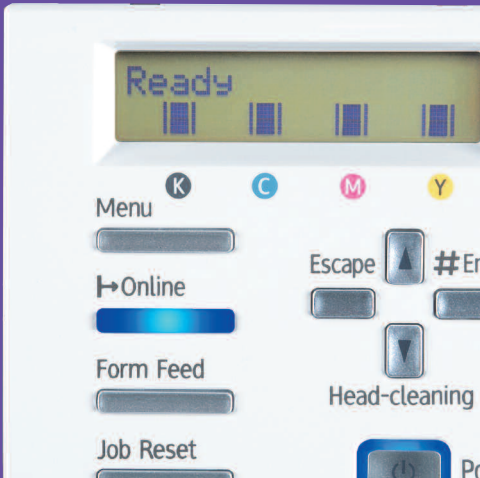
Ricoh Aficio GX e5550N  
Color Printer  
The Simplicity of Inkjet with the Speed  
and Quality of Laser

**RICOH**

fast



color



economical



# Ricoh Aficio GX e5550N

## GelSprinter: Reinventing inkjet

When you need great color but can't spend a lot, you may think your options are limited. If rising volumes require more speed and duplexing to meet business deadlines, you may think that means laser. As your applications call for the production of more durable, high coverage documents like signs, classroom handouts, maps, brochures, pamphlets, and sell sheets at an affordable price, you need a technology combination you won't find anywhere else. You need the RICOH® Aficio GX e5550N for high quality, two-sided inkjet printing on plain paper. Ricoh's unique GelSprinter™ technology combines the affordability and convenience of inkjet color with the speed and durability of a laser printer. Plus, the entire system is designed with an eye on the environment, from our green manufacturing processes to its minimal carbon footprint for a business printing solution that makes sense economically and ecologically.



# Durable Ecological Color Innovative Print

## Paint With A Bigger Brush

Four extra-wide print heads enable the Ricoh Aficio GX e5550N to produce high coverage documents at laser speed—as fast as 30 pages-per-minute for both full-color and black & white prints.

- Fast-drying viscous gel inks are the key, permanently embedding your images into the very fibers of the paper for sharp text and indelible prints that won't blur or bleed—even upon contact with water and highlighting markers.
- Support workgroups with standard Ethernet connectivity and powerful controllers. Enable Windows, Macintosh, and Citrix users to access laser quality printing at an inkjet price.
- Maximize productivity with a fast 40-second warm-up time, a first print speed of 5 seconds or less, and print up to 999 sets per job.
- Take advantage of maximum uptime and low total cost of ownership with High Yield Print Cartridges that last for thousands of pages and are replaced individually to keep per-page costs and maintenance to a minimum.

## Draw On A Larger Canvas

The Ricoh Aficio GX e5550N is designed to support growing volumes and evolving applications for a true business solution.

- Reliably print onto a wide range of media from plain paper to glossy stocks using Ricoh's belt feeding technology for a versatile solution. The optional 100-Sheet Multi-Bypass Tray prints onto heavy stocks up to 140 lb. Index and feeds banner pages up to 8.5" x 51" long.
- Expand the 250-Sheet standard paper supply with one or two 500-Sheet Paper Feed Units to meet the needs of busy workgroups and print longer jobs with minimal interruption. All trays support cut-sheet media up to 8.5" x 14".
- Save paper and reduce user involvement with standard automatic duplexing. GelSprinter technology allows users to print two-sided documents at high speed on plain paper with confidence.
- Choose the level of image quality to match your application. Print internal drafts at 300 x 150 dpi, and maximize image quality with up to 3600 x 1200 dpi equivalent resolution for the in-house production of customer-facing materials.

## Color Your Communications Green

The affordable Ricoh Aficio GX e5550N meets all your printing needs without compromising your commitment to quality or the environment.

- Enhance your image for less than laser. Get professional image quality, business-class media capacity, plus automatic two-sided printing onto plain paper in a cost effective solution.
- Drive down printing costs without sacrificing quality. Ricoh's Economy Color Mode produces crisp text combined with eye-catching graphics to stretch supplies while maintaining the effectiveness of color.
- Go green. The Aficio GX e5550N is part of Ricoh's growing family of GelSprinter products that is manufactured free of hazardous materials, participates in supply recycling programs, has no preventative maintenance parts, and produces zero ozone emissions for a solution with minimal environmental impact.
- Refuse to fuse. Unlike typical laser printers, GelSprinter models do not require heat to operate. The ENERGY STAR-qualified Aficio GX e5550N uses just 38 watts when printing and as little as 3.499 watts in Energy Saver Mode so you can print with near-instant readiness and low total cost of ownership.



A versatile, expandable paper supply allows you to keep up to four media sizes and types available at all times.



Economy Color Mode allows you to produce sharp text with attention-grabbing color for about the same cost as a black & white print.

## The Total Green Office Solution



Ricoh continues its long-standing commitment to developing office solutions with environmentally friendly and superior energy- and supply-saving features, without compromising productivity.

# Ricoh Aficio GX e5550N

## Specifications

Aficio®

### Main Unit Specifications

<b>Aficio GX e5550N</b>	Part # 405681
<b>Configuration</b>	Desktop
<b>Technology</b>	On-demand Piezo Inkjet System
<b>Ink Type</b>	Pigment-based (All four colors)
<b>Control Panel*</b>	16 characters x 2-line LCD
*Adjust the angle of the top-mounted control panel for easy operability and at-a-glance supply status viewing.	
<b>Resolution</b>	True 300 x 150 dpi, 300 x 300 dpi, 600 x 300 dpi, 600 x 600 dpi, 600 x 1200 dpi, 1200 x 1200 dpi Maximum: 3600 x 1200 dpi equivalent
<b>Print Speed* (Letter)</b>	Black & White: 30 pages-per-minute Full-Color: 30 pages-per-minute
*Speed based on Standard, High Speed Mode (300 x 150 dpi).	
<b>Laser Quality Print Speed** (Letter)</b>	Black & White: 20 pages-per-minute Full-Color: 19 pages-per-minute
**When using the RPCS Raster driver.	
<b>Warm-Up Time</b>	40 seconds or less
<b>First Print Speed</b>	Black & White: 4.0 seconds or less Full-Color: 5.0 seconds or less
<b>Standard Paper Supply</b>	250-Sheet Tray
<b>Optional Paper Supply</b>	100-Sheet Multi-Bypass Tray 500-Sheet Paper Feed Unit (1 or 2 may be added.)
<b>Maximum Paper Capacity</b>	1,350 sheets

### Acceptable Paper Sizes

<b>Standard Tray</b>	Letter (8.5" x 11"), Legal (8.5" x 14"), Executive (7.25" x 10.5"), Half Letter (5.5" x 8.5"), A4 (8.3" x 11.7"), A5 (5.8" x 8.3"), A6 (4.2" x 5.8"), B5 (6.9" x 9.8"), 16 KAI (7.6" x 10.5"), F (8" x 13"), Foolscap (8.5" x 13"), Folio (8.25" x 14"), Envelopes (Com10, Monarch, C6, C5, DL), Custom Width: 3.5" - 8.5", Length: 5.5" - 14"
<b>Optional Multi-Bypass Tray</b>	Letter (8.5" x 11"), Legal (8.5" x 14"), Executive (7.25" x 10.5"), Half Letter (5.5" x 8.5"), A4 (8.3" x 11.7"), A5 (5.8" x 8.3"), A6 (4.2" x 5.8"), B5 (6.9" x 9.8"), 16 KAI (7.6" x 10.5"), F (8" x 13"), Foolscap (8.5" x 13"), Folio (8.25" x 14"), Envelopes (Com10, Monarch, C6, C5, DL), Custom Width: 2.1" - 8.5", Length: 5.0" - 51"
<b>Optional Paper Feed Unit</b>	Letter (8.5" x 11"), Legal (8.5" x 14"), Executive (7.25" x 10.5"), Half Letter (5.5" x 8.5"), A4 (8.3" x 11.7"), A5 (5.8" x 8.3"), A6 (4.2" x 5.8"), B5 (6.9" x 9.8"), 16 KAI (7.6" x 10.5"), F (8" x 13"), Foolscap (8.5" x 13"), Folio (8.25" x 14"), Custom Width: 4.1" - 8.5", Length: 5.8" - 14"

### Acceptable Paper Weights

<b>Standard Tray</b>	16 - 43 lb. Bond - 90 lb. Index (60 - 163 g/m <sup>2</sup> )
<b>Optional Multi-Bypass Tray</b>	16 - 68 lb. Bond - 140 lb. Index (60 - 255 g/m <sup>2</sup> )
<b>Optional Paper Feed Unit</b>	16 - 28 lb. Bond (60 - 105 g/m <sup>2</sup> )

### Acceptable Paper Types

<b>Standard Tray</b>	Plain Paper, Inkjet Plain Paper*, Glossy Paper*, Postcards, Inkjet Postcards, Envelopes*
<b>Optional Multi-Bypass Tray</b>	Plain Paper, Inkjet Plain Paper*, Glossy Paper*, Postcards, Inkjet Postcards, Envelopes*, Thick Paper**
<b>Optional Paper Feed Unit</b>	Plain Paper, Inkjet Plain Paper*, Glossy Paper*

\*Simplex mode only.

\*\*Supports 42 lb. - 68 lb. Bond only.

<b>Automatic Duplexing</b>	Standard (Approx. 70% of the rated simplex speed in Speed Priority Mode)
<b>Output Capacity</b>	150 sheets (Face up)
<b>Dimensions (WxDxH)</b>	20.0" x 19.1" x 10.4" (509 x 485 x 263 mm)
<b>Weight</b>	34.2 lb. (15.5 kg)
<b>Power Requirements</b>	100 - 120V, 50/60Hz
<b>Power Consumption</b>	Printing: 38W or less Energy Saver Mode: 3.499W or less
<b>Safety Regulations</b>	UL/CSA60950, FCC Class B ENERGY STAR version 1.1

### Print Controller Specifications

<b>CPU</b>	400MHz
<b>Memory</b>	64MB RAM Standard/Maximum
<b>Fonts</b>	45 PCL, 13 International
<b>Printer Languages/ Drivers</b>	RPCS Raster, PCL 5c, PCL 6
<b>Standard Interfaces</b>	USB 1.1/2.0, Ethernet 10/100Base-TX
<b>Network Protocols Supported</b>	TCP/IP
<b>Environments</b>	Windows 2000, XP, Vista, 7* Server 2003/2008** Mac OS X v.10.3+*** Citrix MetaFrame

\* Windows 7 will be available via download from the Ricoh website.

\*\* 32 bit version will be included on the CD-ROM. 64 bit version will be available via download from the Ricoh website.

\*\*\* Macintosh driver will be included on the CD-ROM.

<b>Software Utilities</b>	Web Image Monitor SmartDeviceMonitor @Remote
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### Hardware Options

<b>Multi-Bypass Tray Type BY1000</b>	Part #405529
<b>Capacity</b>	100 sheets
<b>Acceptable Paper Size</b>	2.1" x 5.0" to 8.5" x 51", Envelopes
<b>Acceptable Paper Weight</b>	16 - 68 lb. Bond/140 lb. Index (60 - 255 g/m <sup>2</sup> )
<b>Dimensions (WxDxH)</b>	9.9" x 13.7" x 9.2" (253.6 x 348.7 x 233.1 mm)
<b>Weight</b>	5.5 lb. (2.5 kg)

<b>Paper Feed Unit Type TK1110</b>	Part #405713
<b>Capacity</b>	500 sheets (1 or 2 Paper Feed Units may be added.) 4.1" x 5.8" to 8.5" x 14"
<b>Acceptable Paper Size</b>	16 - 28 lb. Bond (60 - 105 g/m <sup>2</sup> )
<b>Acceptable Paper Weight</b>	20.0" x 19.1" x 4.3" (509 x 485 x 110 mm)
<b>Dimensions (WxDxH)</b>	12.3 lb. (5.6 kg)
<b>Weight</b>	

### Consumables & Yields

<b>Regular Yield Black Print Cartridge</b>	1,920 prints*	Part # 405688
<b>Regular Yield Cyan Print Cartridge</b>	1,920 prints*	Part # 405689
<b>Regular Yield Magenta Print Cartridge</b>	1,560 prints*	Part # 405690
<b>Regular Yield Yellow Print Cartridge</b>	1,750 prints*	Part # 405691
<b>High Yield Black Print Cartridge</b>	4,230 prints*	Part # 405701
<b>High Yield Cyan Print Cartridge</b>	4,890 prints*	Part # 405702
<b>High Yield Magenta Print Cartridge</b>	4,000 prints*	Part # 405703
<b>High Yield Yellow Print Cartridge</b>	4,000 prints*	Part # 405704
<b>Ink Collector Unit</b>	28,000 prints*	Part # 405714

\*Declared yield values based on ISO/IEC 24712 Inkjet Test Process. Actual yields may vary based on types of images printed and other factors. For maximum performance and yield, we recommend using genuine Ricoh parts and supplies.

### Warranty

**Advanced Exchange Warranty**  
The Ricoh Aficio GX e5550N Color Printer is under warranty against defects for a period of one year from the date of purchase. Consumables are under warranty for a period of 90 days from the date of purchase or until depleted, whichever comes first. Please refer to warranty documents shipped with the product for more details.



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Bringing Ricoh Value to Your Organization  
RicoH technology offers a diverse portfolio of solutions to help your organization stay competitive and move ahead. Let Ricoh show you how to empower your business to improve critical processes, keep information secure, ensure compliance and promote environmental sustainability while reducing the total cost of ownership.

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