

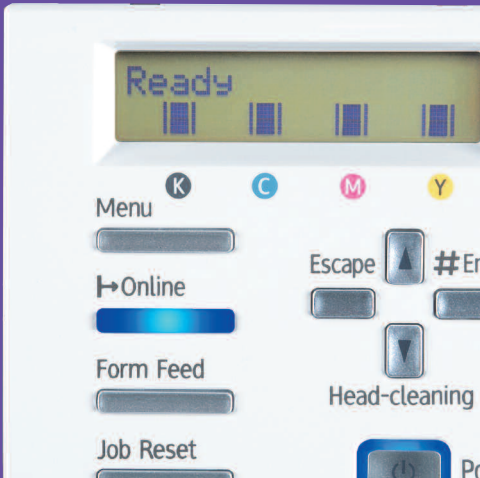
Ricoh Aficio GX e5550N
Color Printer
The Simplicity of Inkjet with the Speed
and Quality of Laser

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

Aficio GX e5550N	Part # 405681
Configuration	Desktop
Technology	On-demand Piezo Inkjet System
Ink Type	Pigment-based (All four colors)
Control Panel*	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.	
Resolution	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
Print Speed* (Letter)	Black & White: 30 pages-per-minute Full-Color: 30 pages-per-minute
*Speed based on Standard, High Speed Mode (300 x 150 dpi).	
Laser Quality Print Speed** (Letter)	Black & White: 20 pages-per-minute Full-Color: 19 pages-per-minute
**When using the RPCS Raster driver.	
Warm-Up Time	40 seconds or less
First Print Speed	Black & White: 4.0 seconds or less Full-Color: 5.0 seconds or less
Standard Paper Supply	250-Sheet Tray
Optional Paper Supply	100-Sheet Multi-Bypass Tray 500-Sheet Paper Feed Unit (1 or 2 may be added.)
Maximum Paper Capacity	1,350 sheets

Acceptable Paper Sizes

Standard Tray	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"
Optional Multi-Bypass Tray	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"
Optional Paper Feed Unit	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

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

Acceptable Paper Types

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

*Simplex mode only.

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

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

Print Controller Specifications

CPU	400MHz
Memory	64MB RAM Standard/Maximum
Fonts	45 PCL, 13 International
Printer Languages/ Drivers	RPCS Raster, PCL 5c, PCL 6
Standard Interfaces	USB 1.1/2.0, Ethernet 10/100Base-TX
Network Protocols Supported	TCP/IP
Environments	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.

Software Utilities	Web Image Monitor SmartDeviceMonitor @Remote
---------------------------	--

Hardware Options

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

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

Consumables & Yields

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



RICOH
www.ricoh-usa.com

Bringing Ricoh Value to Your Organization
Ricoch 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.

Ricoh Americas Corporation, Five Dedrick Place, West Caldwell, NJ 07006
Ricoch and the Ricoh Logo are registered trademarks of Ricoh Company, Ltd. All other trademarks are the property of their respective owners. Print speed may be affected by network, application or PC performance. Specifications and external appearances are subject to change without notice. Products are shown with optional features.

