



見直そう、印刷を
Reimagine print technology

ComColor GN

9830/7630

Ultra High-Speed
Full-Colour Inkjet Printers

Precision Meets Power
The New Standard in
High-Speed Printing

NEW



GN9830

PRINT
SPEED **180**
ppm

GN7630

PRINT
SPEED **160**
ppm

Beyond fast: The next level of evolution

Breaking records once again. Entering the realm of 180 ppm. Driven by the pursuit of unrivaled productivity, we've accelerated not just printing, but copying, scanning, and finishing—elevating your entire workflow. But the evolution doesn't stop there. It goes beyond just speed.

New inks and refined technology ensure deep, vibrant image quality. Featuring extensive paper compatibility, enhanced usability, and a wide range of options for high-volume printing, the GN series offers versatility for any task. Experience the ultimate in high-volume printing.

RISO ComColor: Bringing our vision of the ideal printer to life.



ComColor GN

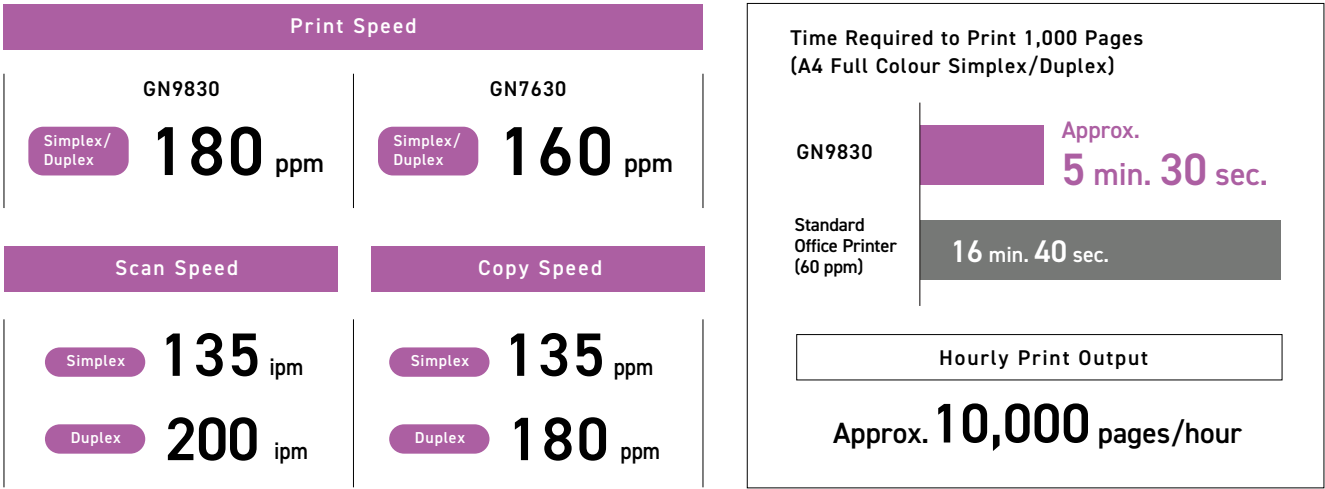
9830/7630



ComColor GN Features

Unrivalled productivity

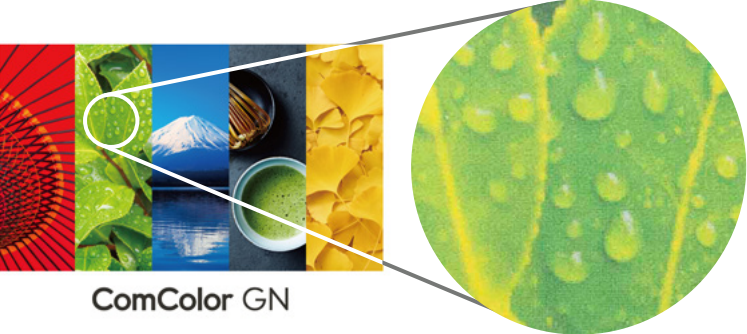
Significantly boosts overall workflow efficiency
Breaking world records once again, the GN series achieves 180 ppm. Beyond printing, accelerated scanning and copying capabilities deliver unrivaled productivity for high-volume jobs. We have also optimised startup, cleaning, and sleep recovery times to maximise hourly output. With a first print time of 5 seconds or less, it handles short runs effortlessly.



Values above are based on A4 long-edge feed. Duplex copy speed shown is for GN9830; GN7630 speed is 160 ppm.

Print quality

New ink formulation for richer, vivid colour
Higher ink density delivers more vibrant colour reproduction. Furthermore, an improved paper transport mechanism enhances stability and precise ink placement, achieving a superior level of print quality.



Optimise ink output for any paper or purpose.
Use the printer driver to easily select the best image settings for your specific application, or choose options to boost colour vibrancy for impactful results.

Advantages of Oil-based Pigment Ink
Combines inkjet technology with proprietary oil-based pigment ink to ensure flat output with minimal paper deformation. The cold (heatless) printing process prevents paper curling, ensuring smooth stacking and reliable post-processing such as collating and binding.

Comparison of Printing Technologies			
	Inkjet Printer (Oil-based)	Inkjet Printer (Water-based)	Laser Printer
Image formation process	Penetration Diffusion Quick-drying oil. Surface-set pigment.	Penetration Evaporation Water penetrates. Must evaporate.	Heating Pressurizing Fusing Toner melts with heat. Fuses with pressure.
Impact on paper	Heatless drying prevents stress. Paper stays flat even with high ink coverage.	Paper absorbs water and tends to deform. Requires time or heat to dry, often causing curling with high ink coverage.	Heat and pressure fusing tends to deform paper.
Print Durability	High water and rub resistance.	Prone to bleeding and marker smearing.	Water resistant. Toner may crack when folded.
Reliability & Safety	Print head is resistant to drying. Colour unaffected by temp/humidity. No ozone emissions. No high-heat parts.	Heads prone to drying. Colour unaffected by temp/humidity. No ozone emissions. High-heat parts in some models.	Colour affected by temp/humidity; requires calibration. Emits ozone. Contains high-heat parts.

Optimise total cost of ownership (TCO)

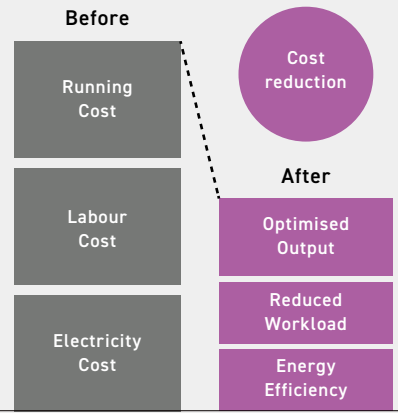
Economical and Ecological Full-Colour Printing
Achieve total cost reduction through three key technologies:

1. Optimised output:

RISO's unique colour profile intelligently adjusts image processing for any media or usage.
2. Reduced workload:

Intuitive operation streamlines printing tasks, cutting operational costs.
3. Energy efficiency:

The printer excels in low energy consumption per page, saving energy even in high-volume runs.



Engine Technology Forcejet™

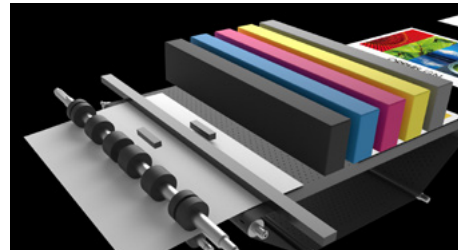
Next-generation FORCEJET technology, combining unwavering precision with unparalleled speed.

TECHNOLOGY.1

Advanced inkjet print heads

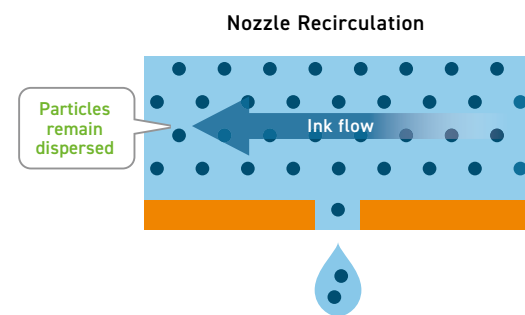
In-Line Single-Pass Architecture

Stationary print heads span the entire page width, enabling high-speed printing as paper feeds through continuously. By eliminating lateral head movement, this architecture delivers rapid output and exceptional productivity.



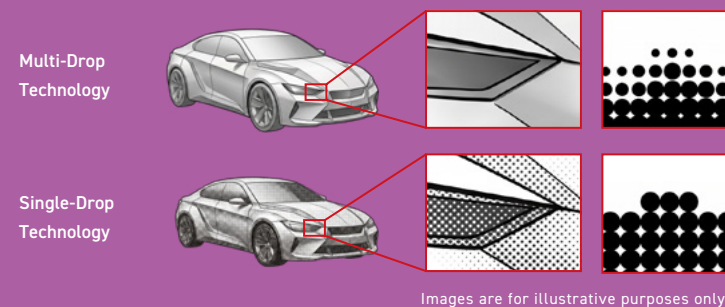
Direct Nozzle Circulation System

This advanced system circulates ink directly above the nozzles, preventing pigment from settling. This continuous, streamlined flow efficiently expels air bubbles, drastically reducing clogging to ensure smooth and reliable ink ejection.



Multi-Drop Technology for Smooth Gradations

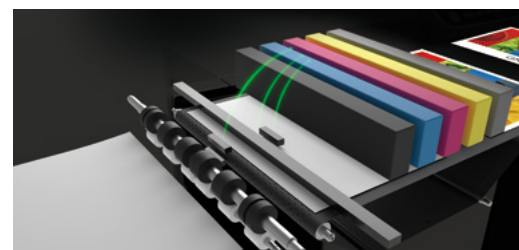
By varying dot sizes using advanced multi-drop technology, the printer achieves exceptional mid-tone expressions. This allows for beautifully smooth image reproduction with minimal graininess, delivering consistently high-quality results from light to dark areas.



TECHNOLOGY.2

Precise paper feeding mechanism

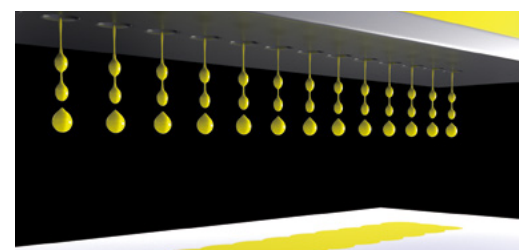
Sensors constantly monitor belt speed and paper status, transmitting real-time position data to the print heads. This precise synchronization ensures highly accurate print positioning, delivering stable, high-speed output at 180 ppm.



TECHNOLOGY.3

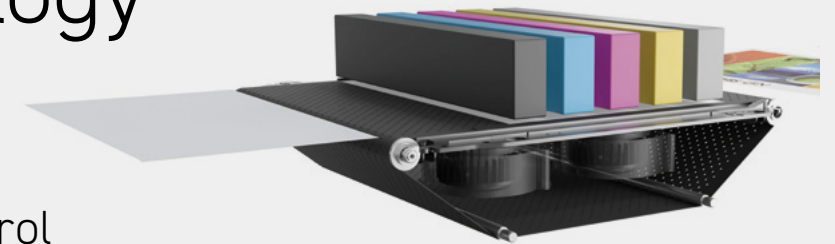
Proprietary oil-based pigment ink

Our unique oil-based pigment ink dries instantly, preventing paper staining and curling even at high speeds. This enables high-speed duplex printing, a challenge for conventional inkjets. The ink offers excellent light and water resistance, preventing fading and bleeding. Furthermore, unlike water-based alternatives, our ink resists drying on the print head. This eliminates the need for a complex capping mechanism, resulting in a streamlined, clog-free architecture that maximises reliability.



New technology

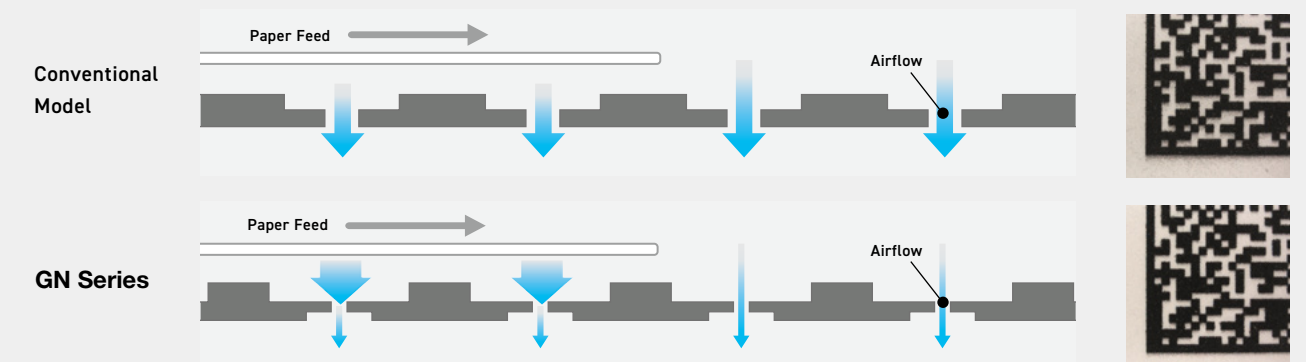
Engineered without Compromise



NEW TECHNOLOGY.1

Innovative airflow control for superior image sharpness

Strong suction is essential for high-speed paper transport, but the resulting airflow can disturb ink droplet trajectory. To solve this, RISO developed innovative airflow control technology. By increasing suction power and optimising the airflow path, this system balances powerful suction for flat paper transport with stable airflow for precise ink landing.

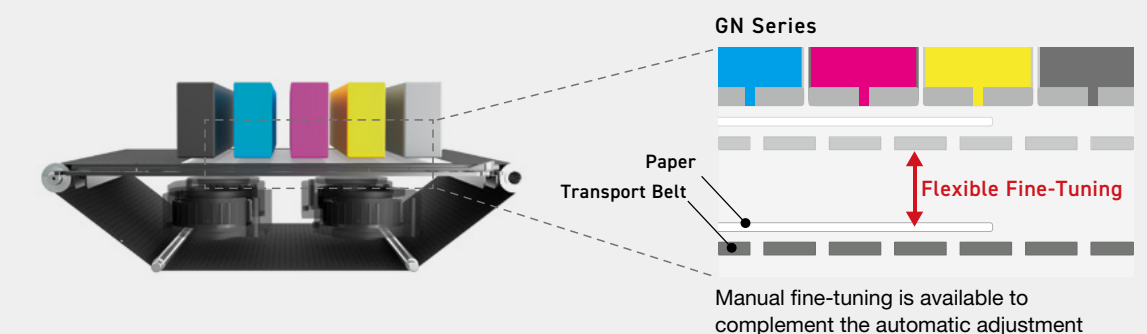


This precise control minimises the impact of airflow on droplet placement. As a result, image sharpness is significantly improved, ensuring crisp, clear edges perfectly suited for intricate barcodes and fine text.

NEW TECHNOLOGY.2

Adjustable head gap for expanded media compatibility

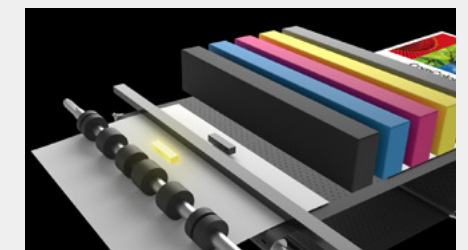
To accommodate a wider variety of paper thicknesses, RISO developed a highly flexible head gap adjustment mechanism. Building upon precise automatic settings, this feature empowers operators to easily fine-tune the gap for specific media, such as thick envelopes, ensuring high-quality results without paper jams or smudging.



NEW TECHNOLOGY.3

RISO-AI Predictive Diagnostic System

Maximise your uptime with RISO-AI. Acting as your virtual technician, it monitors paper dust levels and automatically optimises sensor sensitivity to prevent reading errors. Furthermore, it learns your paper feed patterns and autonomously adjusts the tray position to stop double-feeding before it happens. RISO is dedicated to proactive maintenance, supporting the stable operation of your business.



Auto-adjustment of sensor sensitivity based on paper dust levels



Excellence in productivity and colour accuracy.

Copy / scan

Streamline your workflow: high-speed scanning & copying

[Scanner HS10000] Optional

Boost efficiency with dramatically improved scanning speeds for high-volume jobs. The advanced digital skew correction ensures smooth paper transport, protecting your originals from damage and dirt. With newly added Thin and Thick Paper modes, it handles an even wider range of document types.

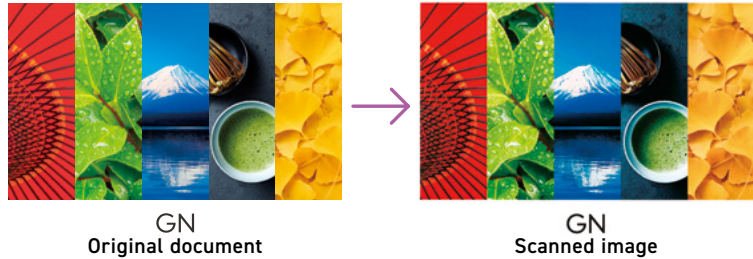
Scan speed		Copy speed	
Simplex	135 ipm	Simplex	135 ppm
Duplex	200 ipm	Duplex	180 ppm
First copy time		7sec. or less	



Values shown are based on A4 long-edge feed. Duplex copy speed shown is for GN9830; GN7630 speed is 160 ppm.

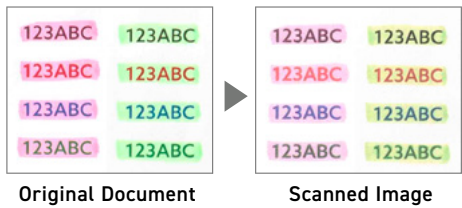
Colour reproduction closer to the original

Featuring a newly developed image processing engine, the Scanner HS10000 achieves colour reproduction that is more faithful to the original. It minimises colour shifts, providing hard copies and scanned data that closely resemble the original documents.



Accurately reproduces highlighter colours

Documents marked with highlighters are reproduced clearly in both scans and copies.



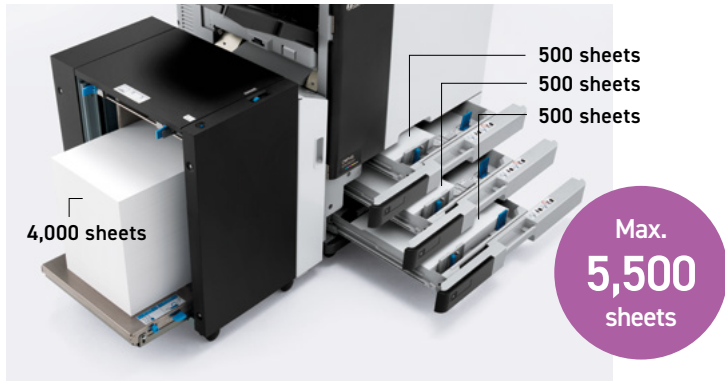
Versatile saving options for scanned data

Save scanned data directly to a wide range of destinations. Supported options include cloud services (SharePoint®, OneDrive® for Business, Google Drive™), network servers, computers, and email attachments. You can also save to the machine's internal SSD or a USB flash drive. Available file formats include PDF, PDF/A, TIFF, and JPEG.

High-volume printing

High-capacity feeding and stacking Optional

Supports a wide variety of paper sizes. Loading the same size paper in all trays, including the optional High Capacity Feeder, enables continuous feeding of up to 5,500 sheets. The High Capacity Stacker holds up to 4,000 sheets and features offset stacking to enhance sorting and post-processing efficiency. This high capacity significantly reduces the frequency of paper replenishment and removal during large print jobs.



Controllers to maximise print productivity Optional

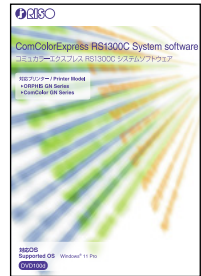
High-Performance Controller ComColorExpress FS3000C

Powered by the industry-standard Fiery® platform, this high-performance controller delivers high-speed processing for complex variable data and graphic-heavy files. It features Command WorkStation® to centralize job management and automate workflows. Combined with advanced colour management tools, it ensures precise output control and consistent quality, maximizing productivity in high-volume environments.



RIP Software ComColorExpress RS1300C

This genuine Adobe PostScript 3 and PDF software RIP offers scalable performance based on your PC hardware, providing a flexible solution. It supports custom colour profile registration for optimal colour reproduction. A key feature, 'Tray Selection per Page,' allows you to mix different paper sizes and types within a single job, streamlining complex document production.



RIP stands for Raster Image Processor.

Versatile options for your needs Optional

2,000-Sheet Feeder

Enables longer uninterrupted print runs with an additional 2,000 A4 sheets.



Face Down Finisher

This compact unit stacks up to 1,000 sheets and staples up to 50 sheets. It also features offset stacking for easy sorting.



Multifunction Finisher

Versatile finishing options including stapling, hole punching, folding, and booklet creation.



More useful features

Page Split: Scans a two-page spread and saves them as separate pages automatically. / Preview Function: Check scanned images on-screen before saving or sending. / PDF Security: Adds password protection directly from the scanner. / Mixed Size Scanning: Handles different document sizes in a single batch. / Job Combination: Combines multiple scan batches into a single file. etc...



User-friendly and convenient features.

Functionality

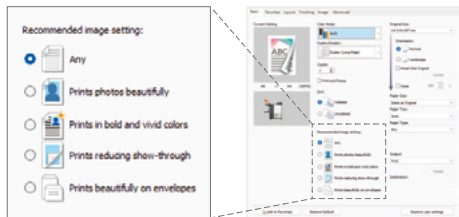
Enhanced operability with large LCD and four function keys

Excellent operability is achieved by combining a numeric keypad, four function keys, and a large 10.1-inch LCD panel. The GN series features an increased number of function keys along with expanded 'Favorites' options. This allows a wider variety of frequently used settings, such as Program Print and paper settings, to be recalled with a single touch, boosting work efficiency.



Simplified printer driver settings

Easily choose the best image settings for your document type with one-click options displayed on the Basic Settings screen.

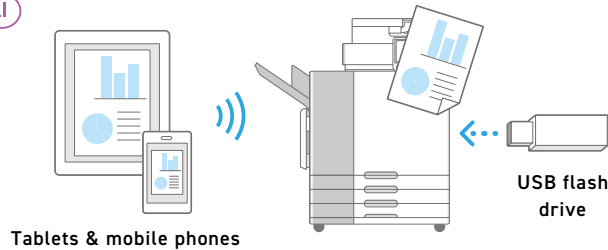


Reduce show-through for clearer double-sided prints

Equipped with a new mode that effectively reduces show-through while minimising impact on front-side image quality. Create easy-to-read, professional double-sided documents with simple settings.

Flexible printing: from computers to mobile and USB
Print seamlessly from Windows®, macOS, Linux®, and Chromebook™ devices, as well as the tablets and mobile phones (iOS, iPadOS, Android™) you use every day. Additionally, you can even print directly from a USB flash drive without a PC. Without being restricted by OS or device type, everyone can access high-speed printing, flexibly meeting the needs of today's diverse workstyles.

Optional



Tablets & mobile phones

USB flash drive

Easy maintenance via simple design

Exceptional usability ensures peace of mind during ink replacement or in the unlikely event of a paper jam. The simple, heat-free structure allows for easy maintenance, eliminating the need for a dedicated operator.



Ink replacement



Clearing paper jams



Visual navigation for quick recovery

High-speed printing for a greener future



Energy efficiency

High-speed, high-volume printing with low energy consumption

Our inkjet technology significantly reduces energy consumption per sheet. This allows for high-speed processing of large print jobs while maintaining excellent energy efficiency.

Energy consumption per sheet = TEC value (kWh/week) / Weekly print volume, calculated based on ENERGY STAR standards.

GN9830

Energy consumption

0.056 Wh/sheet

GN7630

Energy consumption

0.062 Wh/sheet

Eco-awareness

Reducing lifecycle CO2 emissions

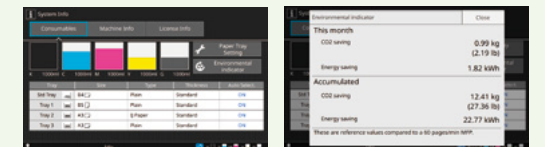
The main unit incorporates 15% recycled resin. By reducing the use of new resources, we significantly lower our environmental impact.

15% Recycled Resin



Visualise energy and CO2 savings

Check estimated energy and CO2 savings directly on the touch panel. These values represent the reduction compared to a standard 60 ppm printer. Visualising your eco-friendly achievements helps promote environmental awareness in daily printing operations.



Savings are calculated based on the difference between the GN series TEC value and the ENERGY STAR® 60 ppm standard. Values are estimates for reference and may differ from actual savings depending on your current printer model.

Eco-proven performance worldwide

ComColor's compliance with various environmental labels and directives worldwide demonstrates its commitment to eco-friendly performance. The following labels and directives apply to the ComColor GN.



ENERGY STAR®

US-based voluntary program promoting energy efficiency. Strict energy-saving criteria must be satisfied to earn certification.



EPEAT GOLD

EPEAT is a US-based rating system. EPEAT Gold is the highest of three levels of sustainable performance.



SuMPO EPD

A third-party verified Environmental Product Declaration (EPD) that quantifies the environmental impact of the product based on Life Cycle Assessment (LCA), in accordance with ISO 14025 (<https://ecoleaf-label.jp/organization/6>).



REACH REGULATION

Registration, Evaluation, Authorisation and Restriction of Chemical Substances (REACH) is an European Community regulation on chemicals and their safe use.



RoHS DIRECTIVE

European Union directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment.



ErP DIRECTIVE

European Community's directive that requires eco design be employed for energy-related products.

ComColor GN Series Specifications

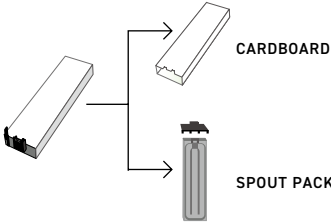
		GN9830		GN7630	
Print Type		Line-type inkjet system			
Ink Type		Oil-based pigment ink (Cyan, Magenta, Yellow, Black, Gray)			
Print Resolution		Standard/High Chromogenic	Black: 600 dpi (main scanning direction) × 600 dpi (sub-scanning direction) Cyan, Magenta, Yellow, Gray: 300 dpi (main scanning direction) × 300 dpi (sub-scanning direction)		
		Fine	Black: 600 dpi (main scanning direction) × 600 dpi (sub-scanning direction) Cyan, Magenta, Yellow, Gray: 300 dpi (main scanning direction) × 600 dpi (sub-scanning direction)		
Number of Gray Levels		Black: 4 gray levels Cyan, Magenta, Yellow, Gray: 12 gray levels			
Data Processing Resolution		Standard/High Chromogenic	Black: 600 dpi × 600 dpi Cyan, Magenta, Yellow, Gray: 300 dpi × 300 dpi		
		Fine	Black: 600 dpi × 600 dpi Cyan, Magenta, Yellow, Gray: 300 dpi × 600 dpi		
Warm-up Time		2 min. 30 sec. or less (at room temperature of 23 °C)			
First Print Time ^{*1}		5 sec. or less (A4 long-edge feed)			
First Copy Time ^{*1}		7 sec. or less (A4 long-edge feed)			
Continuous Print Speed ^{*2,3}	A4 long-edge feed	Simplex: 180 ppm Duplex: 90 sheets/minute (180 ppm)		Simplex: 160 ppm Duplex: 80 sheets/minute (160 ppm)	
	A4 short-edge feed	Simplex: 136 ppm Duplex: 68 sheets/minute (136 ppm)		Simplex: 120 ppm Duplex: 60 sheets/minute (120 ppm)	
	A3 short-edge feed	Simplex: 100 ppm Duplex: 46 sheets/minute (92 ppm)		Simplex: 88 ppm Duplex: 42 sheets/minute (84 ppm)	
Paper Size	Standard Tray	Maximum: 340 mm × 550 mm Minimum: 90 mm × 148 mm			
	Feed Tray	Maximum: 297 mm × 432 mm Minimum: 182 mm × 182 mm			
Printable Area		314 mm × 548 mm			
Guaranteed Print Area ^{*4}		Standard: Margin width of 3 mm Maximum: Margin width of 1 mm			
Paper Weight	Standard Tray	46 gsm to 210 gsm			
	Feed Tray	52 gsm to 104 gsm			
Paper Tray Capacity	Standard Tray	Max. Stacking Height: 110 mm Approx. 1,000 sheets, (85 gsm paper)			
	Feed Tray (x 3)	Max. Stacking Height: 56 mm per tray Approx. 500 sheets, (85 gsm paper) per tray			
Output Tray Capacity		Max. Stacking Height: 60 mm Approx. 500 sheets, (85 gsm paper)			
PDL (Page Description Language)		RISORINC/C IV			
Supported Protocols		TCP/IP, HTTP, HTTPS (TLS), DHCP, ftp, lpr, IPP, SNMP, Port9100 (RAW port), IPv4, IPv6, IPsec			
Network Interface		Ethernet 1000BASE-T, 100BASE-TX, 10BASE-T (2ch)			
Memory Capacity		8 GB			
SSD (Solid State Drive) ^{*5}	Capacity	512 GB			
	Available Space	Approx. 370 GB			
Operating System		Linux			
Power Source		AC 100 V - 240 V, 12.0 A - 6.0 A, 50 Hz - 60 Hz			
Power Consumption		Max. 1,200 W Ready ^{*6} : 110 W or less Sleep ^{*7} : 2 W or less Off mode: 0.3 W or less Printing: 560 W or less			
Operating Noise		Max. 66 dB (A) A4 long-edge feed (Simplex) at the maximum print speed			
A-weighted Sound Power Level		Max. 78.2 dB (A) A4 long-edge feed (Simplex) at the maximum print speed			
Operating Environment		Temperature: 15 °C to 30 °C Humidity: 40% to 70% RH (non-condensing)			
Dimensions (W × D × H)		In use: 1,220 mm × 725 mm × 1,175 mm With cover and tray closed: 1,160 mm × 705 mm × 1,015 mm			
Required Space (W × D × H) ^{*8}		1,220 mm × 1,240 mm × 1,175 mm			
Weight		Approx. 178 kg			

*1 Within 10 minutes after the last print job *2 When using plain paper and recycled paper (85 gsm), and standard density setting. Chart used: Print measurement pattern [Colour measurement sample 2 (JEITA standard pattern J6)] *3 The continuous print speed varies depending on the type of optional output equipment connected. *4 The margin when printing envelopes is 10 mm. The guaranteed area when printing images is the area enclosed within 3 mm of the edges of the paper. *5 One gigabyte (GB) is calculated as 2³⁰ bytes. *6 Without printing and temperature adjustment operation. *7 When setting [Power Consumption (in Sleep)] to [Low] *8 With the front cover open and the operation panel in the upright position. Specifications are subject to change without notice.



ComColor GN Ink Cartridges

Colors: Black, Cyan, Magenta, Yellow, Gray



The structure of the cartridge makes it easy to collect, reuse and recycle.

Uncompromising Quality & Safety: Our oil-based inks are crafted from raw materials confirmed to be safe. For detailed specifications, please consult the Safety Data Sheet (SDS).

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