

PIXMA G3420

CONNECTED, COST-CONSCIOUS PRINTING THAT'S COMPLETELY DEPENDABLE

Entry level, refillable ink tank multifunctional printer featuring Wi-Fi, cloud connectivity and usability improvements – ideal for home, student and office use.



- Endless low-cost printing**
 Keep on printing while keeping costs down thanks to huge yields of up to 12,000 pages (26% more in Economy mode³) from 2 black ink bottles, or 7,700 pages with a single set of colour bottles¹
- High quality at speed**
 Count on quality at speed (9.1 ipm in black / 5 ipm in colour²), with pigment black ink ensuring pin-sharp text and dye colour inks delivering vivid colour photos. Experiment with diverse media and even print banners up to 1.2 metres in length
- Easy maintenance**
 Minimise downtime and meet every deadline with ease, with a user-replaceable maintenance cartridge that ensures dependable, day after day performance
- Thoughtful design**
 Refill ink tanks without fuss or effort using handy non-squeeze bottles with unique key type nozzles that ensure each ink bottle can only refill its equivalent tank
- Smart connectivity**
 Print, scan, copy and connect to the cloud via the Canon PRINT app and PIXMA Cloud Link, and print directly from smart devices via AirPrint (iOS) and Mopria (Android)



Borderless Photo Printing



Replaceable ink maintenance cartridge



2 line LCD



Mobile Device Printing



Integrated Ink Tanks



1,200mm Banner Printing

PRODUCT RANGE



PIXMA G1411



PIXMA G1420



PIXMA G2411



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¹ Page yield of ink bottle used for initial setup is lower than a replacement as a certain amount of ink is used to fill the print head during setup. Page yield is the estimated value based on Canon's individual test method using the ISO/IEC 24712 colour chart and continuous printing simulation with the replacement ink bottles after initial setup. Black and colour page yields are not to be combined. Page yield varies significantly depending on contents printed and other factors.

TECHNICAL SPECIFICATIONS

PIXMA G3420

GENERAL SPECIFICATIONS

Functions	Wi-Fi, Print, Scan & Copy, Cloud
PRINTER SPECIFICATIONS	
Print Resolution	Up to 4800 x 1200 dpi ^[1]
Print Technology	2 FINE Print Head (Black and Colour) Refillable ink tank printer
Mono Print Speed	approx. 9.1 ipm ^[2]
Colour Print Speed	approx. 5.0 ipm ^[2]
Photo Print Speed	Borderless 10x15cm : Approx. 45 seconds ^[3]
Borderless Printing	Yes A4, LTR, 4" x 6", 5" x 7", 7" x 10", 8" x 10", Square (89 mm x 89 mm), Square (127 mm x 127 mm), Card Size (91 mm x 55 mm) ^[4] Manual operation
Two Sided Printing	
CARTRIDGES AND YIELDS	
Standard Ink Cartridges	GI-41 <PGBK> GI-41 <C> GI-41 <M> GI-41 <Y>
Cartridge Yield (Plain paper)	A4 colour documents printing ^[5] Black: 6,000 pages (Economy mode 7,600 pages) ^[6] Colour: 7,700 pages * Estimated supplemental yield
Cartridge Yield (Photo print)	10x15cm colour photo printing ^[7] Colour: 2,200 photos * Estimated supplemental yield
PAPER SUPPORT	
Paper Types	Plain Paper Photo Paper Pro Luster (LU-101), Photo Paper Plus Glossy II (PP-201) Matte Photo Paper (MP-101), Glossy Photo Paper "Everyday Use" (GP-501) High Resolution Paper (HR-101N), Envelope, Photo Paper Plus Semi-gloss (SG-201), Cardstock Restickable Photo Paper (RP-101) Magnetic Photo Paper (MG-101) Dark Fabric Iron on Transfers (DF-101), Light Fabric Iron on Transfers (LF-101), Double sided Matte Paper (MP-101D)
Maximum Paper Input	Rear Tray: Max. 100 sheets (plain paper)
Paper Sizes	A4, A5, A6, B5, LTR, LGL, Executive (184.2 mm x 266.7 mm), Legal ([215 mm x 345 mm), 4" x 6", 5" x 7", 7" x 10", 8" x 10", Envelopes DL, Envelopes COM10, Envelopes C5, Square (89 mm x 89 mm), Square (127 mm x 127 mm), Card Size (91 mm x 55 mm) [Custom size] width 55 mm - 216 mm, length 89 mm - 1200 mm
Paper Weight	Rear Tray: Plain paper: 64 - 105 g/m ² Canon specialty paper: max paper weight : approx. 275 g/m ² (Photo Paper Plus Glossy II PP-201)
SCANNER SPECIFICATIONS	
Scanner Type	CIS flatbed photo and document scanner
Scanner Resolution (Optical)	600 x 1200 dpi ^[8]
Line Scanning Speed	Colour: 3.5 ms/line(300dpi) Greyscale: 1.5 ms/line(300dpi) ^[9]
Scanning Depth (Input / Output)	Colour: RGB each 16bit/8bit Greyscale: 16 bit / 8 bit
Maximum Document Size	A4/LTR

COPIER SPECIFICATIONS

Copy Speed	sFCOT: Approx. 28 sec ^[10] sESAT: Approx. 2.6 ipm ^[10] 99 copies (max.)
Multiple Copy	
Copy Functions	Document Copying, Photo Copying, Borderless copy, 2-on-1 and 4-on-1 copy, Frame erase copy, ID copy
Copy Zoom	25 - 400% (in 1% increments) Fit to page A5 to A4, B5 to A4, A4 to A5 and A4 to B5
GENERAL	
Display	Full Dot LCD
Display Languages	32 Languages Selectable: Japanese, English (mm & inch), German, French, Italian, Spanish, Dutch, Portuguese, Norwegian, Swedish, Danish, Finnish, Russian, Czech, Hungarian, Polish, Slovene, Turkish, Greek, Simplified Chinese, Traditional Chinese, Korean, Indonesian, Slovakian, Estonian, Latvian, Lithuanian, Ukrainian, Romanian, Bulgarian, Croatian, Vietnamese
Standard Interface	Hi-Speed USB (USB B Port) Wi-Fi: IEEE802.11 b/g/n/a ^[11] Wi-Fi Security: WPA-PSK, WPA2-PSK, WEP, Administration password Wireless LAN Frequency Band: 2.4 GHz Wireless PictBridge ^[12]
Mobile Apps (iOS®/ANDROID™)	Canon PRINT app ^[13] Creative Park app ^[14] Easy-PhotoPrint Editor app ^[15]
Printer Features	Easy-PhotoPrint Editor Software ^[15] PIXMA Cloud Link (print) ^[13] Canon Print Service Plugin (Android) ^[16] Apple AirPrint ^[17] Wireless Direct ^[18] Mopria (Android) ^[19] Amazon Alexa™ ^[20] Google Assistant™ ^[20]
Smart Assistant & Automation Support	
OS Compatibility	Windows 10, Windows 8.1, Windows 7 SP1 Operation can only be guaranteed on a PC with pre-installed Windows 7 or later. Printer driver, IJ Printer Assistant Tool and IJ Network Device Setup Utility are available with following OS. Windows Server 2008 R2 SP1, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019 Mac: OS X 10.12.6 ~ macOS 10.15 Chrome OS Mobile Operating Systems: iOS®, Android™ ^[21]
Minimum System Requirements	Windows: 2.0GB or more Mac: 1.0GB or more Note: for bundled software installation. The necessary amount of hard disk space required. Display: 1024 x 768 XGA
Software Included	Printer Driver IJ Printer Assistant Tool Easy-PhotoPrint Editor (download)
PHYSICAL FEATURES	
Weight	approx. 6.4 kg
Dimensions (W x D x H)	Approx. 445 x 330 x 167
Acoustic Noise Levels	approx. 49.5dB(A) ^[22]
Operating Temperature	5-35°C
Operating Humidity	10-90%RH (no dew condensation)
Power Source	AC 100-240V, 50/60Hz
Power Consumption	Off: Approx. 0.2W Standby (USB connection to PC): Approx. 0.6W Standby (all ports connected): Approx. 1.2W Time to enter Standby mode: 11 minutes 4sec Copying: Approx. 16W ^[23] 0.18 kWh ^[24]
Typical Electricity Consumption	



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² Document print speeds are the averages of ESAT (Word, Excel, PDF) in Office Category Test for the default simplex mode, ISO/IEC 24734.

Print speed may vary depending on system configuration, interface, software, document complexity, print mode, page coverage, type of paper used etc.

³ The economy mode reduces the black ink consumption by lowering the density, 26% more pages than the standard mode can be printed

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Footnotes: -

- [1] Ink droplets can be placed with a minimum pitch of 1/4800 inch
- [2] A4 document print speed on plain paper is measured based on average of ESAT in Office Category Test of ISO/IEC 24734 standard.
- [3] Photo print speed is based on default driver setting using ISO/JIS-SCID N2 standard on Canon Photo Paper Plus Glossy II and does not take into account data processing time on host computer.
- [4] Paper types NOT supported for borderless printing are as follows: Envelope, High Resolution Paper, T-Shirt Transfer, Photo Stickers
- [5] Page Yield is the estimated value based on Canon individual test method using the ISO/IEC 24712 chart and continuous printing simulation with the replacement after initial setup.
- [6] The economy mode reduces the black ink consumption by lowering the density, 26% more pages than the standard mode can be printed
- [7] Page Yield is the estimated value based on Canon individual test method using the ISO/IEC 29103 chart and continuous printing simulation with the replacement after initial setup.
- [8] Optical resolution is a measure of maximum hardware sampling resolution, based on ISO 14473 standard.
- [9] The fastest speed in Hi-Speed USB on Windows PC. Transfer time to computer is not included.
- [10] Colour document copy speed is measured based on average of sFCOT and sESAT in Performance Test of ISO/IEC 29183 standard. Copy speed may vary depending on document complexity, copy mode, page coverage, type of paper used etc. and does not take into account warming up time.
- [11] Wireless printing requires a working network with wireless 802.11 b/g/n/ac or ad capability, operating at 2.4GHz. Wireless performance may vary based on terrain and distance between the printer and wireless network clients.
- [12] DPS over IP compatible device required.
- [13] Requires an Internet connection and the Canon PRINT Inkjet/SELPHY app, available for free on the App Store and at Google Play. Compatible with iPad, iPhone 3GS or later, and iPod touch 3rd generation or later devices running iOS 7.0 or later, and Android mobile devices running Android 2.3.3 or later. Your device must be connected to the same working network with wireless 802.11 b/g/n/a capability as your printer. Requires a compatible social media account and is subject to that social media accounts Terms of Service. Certain exceptions may apply.
- [14] Requires an Internet connection and the Creative Park app, available for free on the App Store and at Google Play. Compatible with iOS 12.0 or later/Android OS 5.0 or later operating systems. You must have a Canon ID and a Canon inkjet printer to use this app.
- [15] The Easy-PhotoPrint Editor software requires an Internet connection and is compatible with the following operating systems; Microsoft Windows 10 (64-bit/32-bit), Microsoft Windows 8.1 (64-bit/32-bit), Microsoft Windows 7 SP1 (64-bit/32-bit), macOS High Sierra v10.13, macOS Sierra v10.12, Mac OS X El Capitan v10.11 and Mac OS X El Capitan v10.10.5. Minimum Windows and macOS/Mac OS X requirements are: 2GB of RAM and a monitor with 1024x768 resolution. The Easy-PhotoPrint Editor mobile application requires an Internet connection and the Easy-PhotoPrint Editor app v1.1.0, available for free on the App Store and at Google Play. Compatible with iPad Air2 (2nd Generation), iPad Mini 4 and iPhone 6s or later devices running iOS 10 or later, and Android mobile devices running Android 5.x or later. Certain exceptions may apply. The following file formats are supported: JPEG, PNG, HEIF (devices running iOS 11 and mac OS v10.13 or later), DLP save data, Poster Artist export data, EasyPhoto+ export data, Easy-PhotoPrint Editor export data.

- [16] Canon Print Service is a print plug-in for Android smart devices, which enables printing from Android v4.4 - v5.0 devices to many Canon printers via a Wi-Fi network. The plug-in does not work as a standalone app. Available for free at Google Play.
- [17] AirPrint functionality requires a compatible iPad, iPhone, or iPod Touch device running iOS 7.0 or later, and an AirPrint-enabled printer connected to the same network as your iOS device. A printer connected to the USB port of your Mac, PC, AirPort Base station, or Time Capsule is not supported.
- [18] Requires a smart device with the Canon PRINT Inkjet/SELPHY app installed and connected to the desired active wireless network to complete cableless setup.
- [19] Requires Android mobile device with Android 4.4 operating system or later with the Mopria Print Service pre-loaded with that device and the compatible PIXMA printer on the same wireless network. The Mopria experience is also available on Android 4.4 mobile devices with a download of the Mopria Print Service from Google Play.
- [20] Requires an active smart assistant account linked and accompanying app enabled, the smart device and printer to be actively connected with permission to the Canon Inkjet Cloud Printing Center, and the required action(s), skill(s), or apple(s) available/enabled to the compatible printer. Voice commands can not be displayed as text on Amazon smart devices with screens. Only English, French and German supported.
- [21] Some functions may not be available with these Operating Systems. Please refer to the manual or website for details.
- [22] Plain Paper(A4, B/W). Acoustic Noise is measured based on ISO7779 standard.
- [23] Copy: When copying ISO/JIS-SCID N2 (printed by inkjet printer) on A4 size plain paper using default settings.
- [24] Typical Electricity Consumption (TEC) value: TEC value was calculated assuming the unit will be constantly switched among operational mode, sleep mode, and power-off mode for 5 days, and that it will be either in sleep or power-off mode for the remaining 2 days within the same week. The TEC value of this product is calculated by Canon on their own accord using TEC measurement procedure regulated in International ENERGY STAR Program.

Standard disclaimers

- All specifications subject to change without notice.
- Print speed may vary depending on system configuration, interface, software, document complexity, print mode, page coverage, type of paper used etc.
- Ink yield may vary depending on texts/photos printed, applications software used, print mode and type of paper used. For field information see www.canon-europe.com/ink/yield
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