Canon
Delighting You Always

India

PIXMA G3012









MRP Rs. 18 775.00/U

inclusive of all taxes

Refillable Ink Tank Wireless All-In-One for High Volume Printing

Designed for high volume printing at low running cost

Print

Print Head/Consumables

Number of Nozzles	Total 1,472 nozzles
Ink Bottles (Type/Colours)	GI-790 (Pigment Ink/Black), (Dye-based Ink/Cyan, Magenta, Yellow)
Print Heads	BH-7, CH-7 (Availability may vary by country)
Maximum Print Resolution	4,800 (Horizontal)*1 x 1,200 (Vertical) dpi
Print Speed*2 (Approx.) Click here for summary report Click here for Document Print and Copy Speed Measurement Conditions	
Document (ESAT/Simplex)*3	8.8 / 5 images/minute (Mono/Colour)
Document (FPOT Ready/Simplex)*4	11 / 17 s (Mono/Colour)
Photo (4 x 6") (PP-201/Borderless)*5	60 s
Print Width	Bordered: Up to 203.2 mm (8 inch) Borderless: Up to 216 mm (8.5 inch)
Recommended Printing Area	Top margin: 31.2 mm Bottom margin: 32.5 mm

Scan*6

Scanner Type	Flatbed (Platen)
Scanner Technology	Contact Image Sensor (CIS)
Optical Resolution*7	600 x 1,200 dpi
Scanning Bit Depth (Input/Output)	
Greyscale	16 bit / 8 bit

Colour	48 bit / 24 bit (RGB each 16 bit / 8 bit)
Maximum Document Size	
Flatbed	A4, LTR (216 x 297 mm)

Copy

Copy Speed[*8] (Approx.)

Click here for summary report
Click here for Document Print and Copy Speed Measurement Conditions

Document (Colour): (sFCOT/Simplex / sESAT/Simplex	24 s / 3.5 images/minute
Maximum Copies	20 pages
Maximum Document Size	A4, LTR

Paper Handling

Print Margin

Borderless Printing[*9]	Top/Bottom/Left/Right margin: 0 mm
Bordered Printing	LTR, LGL: Top margin: 3 mm, Bottom margin: 5 mm Left margin: 6.4 mm, Right margin: 6.3 mm Others: Top margin: 3 mm, Bottom margin: 5 mm Left/Right margin: 3.4 mm
Supported Media	

Rear Tray	Plain Paper (64 - 105 g/m²) High Resolution Paper (HR-101N) Photo Paper Plus Glossy II (PP-201, PP-208) Photo Paper Plus Semi-Gloss (SG-201) Matte Photo Paper (MP-101) Envelope
Paper Size	
Rear Tray	A4, A5, B5, LTR, LGL, Envelope (COM10, DL), 10.16 x 15.24 cm (4 x 6 inch), 12.7 x 17.78 cm (5 x 7 inch), 20.32 x 25.40 cm (8 x 10 inch), Square (127 x 127 mm), Business Card [Custom Size] Width: 55 - 215.9 mm Length: 89 - 676 mm *F4 is possible via custom size settings.
Borderless Printing[*9]	A4, Letter, 10.16 x 15.24 cm (4 x 6 inch), 12.7 x 17.78 cm (5 x 7 inch), 20.32 x 25.40 cm (8 x 10 inch), Square (127 x 127mm), Business Card
Maximum Capacity	
Rear Tray	Plain Paper (A4, A5, B5, LTR, 64 g/m²): 100 High Resolution Paper (HR,101N): 80 Photo Paper Plus Glossy II (PP-201, PP-208, 10.16 x 15.24 cm (4 x 6 inch)): 20 Photo Paper Plus Semi-Gloss (SG-201, 10.16 x 15.24 cm (4 x 6 inch)): 10 Matte Photo Paper (MP-101, 10.16 x 15.24 cm (4 x 6 inch)): 20 Envelope (COM10, DL): 10
Paper Weight	
Rear Tray	Plain Paper: 64 - 105 g/m² Canon Paper: Approx. 275 g/m² (Max.) (Photo Paper Plus Glossy II, PP-201)

Network

Protocol	TCP/IP
Wireless LAN	
Type	IEEE802.11b/g/n 2.4 GHz, Supported Channels: 1 - 13 (TW/HK: Supported Channels: 1 - 11 only)
Security	WEP 64/128 bit WPA-PSK (TKIP/AES) WPA2-PSK (TKIP/AES)
Direct Connection (Wireless LAN)	Available (AP Mode only)

Printing Solutions

Canon Printing Apps	
Mobile	Canon PRINT, Easy-PhotoPrint Editor
Others	PosterArtist Lite, PosterArtist (Web)
Mobile/Cloud Printing Solutions	Mopria® Print Service, Cloud Integration Service (via smartphone/tablet)

System Requirements

OS System Compatibility[*10]	Windows 10 / 8.1 / 7 SP1, macOS is not supported, ChromeOS

General Specifications

Operation Panel	
Display	3.04 cm (1.2 inch) LCD Segment Mono
Interface	USB 2.0
Operating Environment[*11]	
Temperature	5 - 35°C
Humidity	10 - 90% RH (no dew condensation)
Recommended Environment[*12]	
Temperature	15 - 30°C
Humidity	10 - 80% RH (no dew condensation)
Storage Environment	
Temperature	0 - 40°C
Humidity	5 - 95% RH (no dew condensation)
Quiet Mode	Available
Acoustic Noise[*13]	
Plain Paper (A4, Mono)	53.5 dB(A)
Power Requirements	AC 100 - 240 V, 50/60 Hz
Power Consumption (Approx.)	
OFF	0.2 W
Standby	1.2 W
Operation[*14]	11 W
Dimensions (W x D x H)	

Factory Configuration	445 x 330 x 163 mm
Output Trays Extended	445 x 533 x 260 mm
Weight	6.3 kg

Page Yield[*15]

Plain Paper Click here for more information	**A4 Colour Documents[*16]:** GI-790 PGBK: 6,000 pages GI-790 C, M, Y: 7,000 pages
Photo Paper (PP-201) Click here for more information	**10.16 x 15.24 cm (4 x 6 inch) Photos:** GI-790 PGBK: NA[*17] GI-790 C, M, Y: 2,000 sheets

1. Ink droplets can be placed with a pitch of 1/4,800 inch at minimum.
2. Print speed may vary depending on system configuration, interface, software, document complexity, print mode, page coverage, type of paper used etc.
3. Document print speeds are the average of ESAT, based on the Office Category Test (Word, Excel, PDF), the default simplex mode, and the ISO/IEC 24734 standard.
4. Document print speeds are the average of FPOT, based on the Office Category Test, the default simplex mode, and the ISO/IEC 17629 standard.
5. Photo print speed is based on the default setting using ISO/JIS-SCID N2 on Photo Paper Plus Glossy II and does not take into account data processing time on host computer.
6. TWAIN driver (ScanGear) is based on the TWAIN specification V1.9 and requires the Data Source Manager comes with the operating system.
7. Optical resolution scan is available, only when you use TWAIN Driver.
   Optical resolution is a measure of maximum hardware sampling resolution, based on ISO 14473 standard.
8. Copy speeds are the average of sFCOT and sESAT, ISO/IEC 29183.
   Copy speeds (ADF) are ESAT of copy in sequence, ISO/IEC 24735.
   Copy speed may vary depending on document complexity, copy mode, page coverage, type of paper used etc. and does not take into account warm-up time.
9. Paper types NOT supported for borderless printing are as follows: Envelope, High Resolution Paper, T-Shirt Transfer, Photo Stickers.

10. Please visit https://asia.canon/support to check OS compatibility and to download the latest driver updates.
11. The performance of the printer may be reduced under certain temperature and humidity conditions.
12. For the temperature and humidity conditions of papers such as photo paper, refer to the paper's packaging or the supplied instructions.
13. Acoustic Noise is measured based on ISO 7779 standard with default settings.
14. When copying ISO/JIS-SCID N2 (printed by inkjet printer) on A4 size plain paper using default settings.
15. Page yields may vary depending on content coverage, print settings, temperature, humidity, and frequency of printing.
16. Declared yield value is the estimated value based on Canon individual test method using the ISO/IEC 24712 colour chart and continuous printing simulation with the replacement ink bottles after initial setup.
    The colour yield is based on 1 set of composite colour bottles.
17. Declared yield value is the estimated value based on Canon individual test method using the ISO/IEC 29103 chart and continuous printing simulation with the replacement ink bottles after initial setup. Black ink is not used when printing under this condition. However, a minimal amount of black ink is used for maintenance purposes.

Disclaimer

- To maintain optimal printer performance, Canon printer automatically perform cleaning based on its condition. During this cleaning process, a small amount of ink is consumed, which may include all colours of ink.
  [Cleaning Function]
  The cleaning function helps remove air bubbles or clogs from the print head nozzles, preventing degradation in print quality or nozzle blockages.
- Replacement parts for printers will be available for five years after production is discontinued. Depending on your model, we may recommend replacing it with a new unit or one that offers similar performance as part of our maintenance service. In such cases, you may find that supplies or accessories for your model are no longer available, or that compatible operating systems may change.
- To achieve optimal print quality, use the ink within six months of opening.
- Depending on your device, whether it is a computer or a smartphone and its operating system, the estimated ink level information displayed on your screen may differ from what appears on the printer's operation panel. Additionally, some parts of the estimated ink level message shown on the printer may not be visible or may appear at different times. Canon recommends using the information displayed on the printer's operation panel as your primary reference, noting that this information serves only as a guideline.

- Even when black-only or greyscale printing is selected, colour inks may still be consumed depending on the printing material and driver settings. When the ink level in any tank falls below the lower limit line, Canon recommends refilling that tank with the corresponding colour ink.
- During the initial printer setup, a portion of ink is used to fill the print head's nozzles. As a result, the page yield of the initial bundled set of ink bottles will be lower than that of the subsequent set.
- The estimated page yield and/or print cost stated in brochures, catalogues, websites, and similar materials are based not on the initial set of bundled ink bottles, but on subsequent sets after the print head nozzles have been filled with ink from the initial set of ink bottles.
- For warranty details, please contact a Canon authorised sales representative in your country or region. The warranty covers only the main printer body and excludes consumables such as print media and ink/ink bottles even during the warranty period.
- Please note that if the printer malfunctions or breakdown due to the usage of non-genuine ink bottles, repair charges will apply, even if the claim is made within the warranty period.
- Please be aware that if a problem arises from using non-genuine ink bottles (including those refilled with non-genuine ink through methods such as making a hole in the bottle), a fee will be charged for repairs, even during the warranty period. Keep this in mind when using non-genuine ink.

Product Disclaimer

01. Prices, specifications, availability and terms of offers may change without notice.

02. Products / Services may be manufactured by and/or supplied to us by third party manufacturers / suppliers for distribution / resale (non-Canon brand products).

03. Prices above are maximum retail price (MRP) and may change without prior notice.

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