

•
The first office printer with production print technology and exceptional quality, which integrates seamlessly and securely into any environment



Exceptional print quality

- Innovative technologies ensure exceptional print quality
- Enhanced colour consistency and accuracy with Consistently Vivid (CV) toner
- Exceptional 2,400 dpi resolution for precision printing
- Multi-dimensional mixed colour calibration with Auto Correct Colour Tone (ACCT)
- Real time colour calibration
- Optimised toner transfer efficiency for impressive prints on a wide range of media, including heavy structured stock
- Compact and highly accurate registration technology

- The first office printer with production print technology and exceptional quality, which integrates seamlessly and securely into any environment

Secure printing

- Keep your information confidential throughout document workflows
- Standard and optional features for device, network and document security
- Control access and usage with features such as secure print and pin release
- Password protect PDFs
- Secure data storage
- Optional data encryption

Seamless integration and management

- Seamless integration into your existing and future office workflows
- Support for industry IT standards such as PCL and Genuine Adobe Postscript®*
- Easy configuration, management and upgrading
- Automated capture of meter readings, consumables management and diagnostics
- Integration with solutions such as uniFLOW, eCopy and many other document capture and output management software



* Optional

** Typical Energy Consumption. Methodology defined by ENERGY STAR (www.eu-energystar.org)

Maximum productivity

- Up to 60 A4 pages per minute
- Exceptional production speeds on heavy coated stock and mixed media
- Effortless duplex printing on up to 300 gsm media with media sizes up to SRA3
- Efficient information capture, search and re-use
- Flexible mobile printing and scanning options maximise business efficiency
- Excellent reliability for uninterrupted production
- Choice of productive and intuitive EFI and Canon controllers



Advanced cost control

- Easily identify potential cost savings
- Support for Canon's uniFLOW software
- Track, and charge, specific print jobs to individuals, departments and projects
- User-based monitoring and reporting

Sustainable by design

- Highly energy efficient
- ENERGY STAR® qualified
- Class-leading TEC** rating



Printer Specifications

Print speed (BW/CL)	Up to 60 ppm
Recommended monthly volume	From 15,000 to 60,000 pages (A4)
Maximum monthly peak volume	Up to 350,000 pages (A4)
Registration tolerance	Front to Back: 1.0 mm or less
Printing method	Colour laser beam printing
Print resolution	2,400 dpi x 2,400 dpi, 256 gradations
Paper capacity	Standard: 3 x 550 sheet cassettes (80 gsm) Options: 100-sheet multi-purpose tray POD Deck Lite-B1: 1 x 3,500 sheet side paper deck (A4 / A3 / SRA3) Multi-Drawer paper deck-B1: 1 x 6,000 sheet (3 x 2,000 sheets - A4 / A3 / SRA3) 7,650 sheets (A4 / A3)
Maximum paper input capacity	4,000 sheets (A4 80 gsm)
Maximum paper output capacity	
Supported media types	Cassettes: Thin paper, Plain paper, Recycled paper, Colour paper, Heavy paper, Pre-punched paper, Bond, Letterhead, Tab paper*, Transparency, Envelopes** Multi-purpose tray : Thin paper, Plain paper, Recycled paper, Colour paper, Heavy paper, Coated paper, Pre-punched paper, Tab paper, Bond, Transparency, Label, Envelopes, Letterhead Optional Paper decks: Thin paper, Plain paper, Recycled paper, Colour paper, Heavy paper, Pre-punched paper, Coated paper, Textured, Bond, Transparency, Label, Letterhead, Tab paper*, Envelopes * Requires Tab feeding attachment ** Requires Envelope feeding attachment Paper cassette 1, 2 & 3: Standard size: A4, A4R, A5R, A3, SRA3, 13" x1 9" (330 x 483 mm) Free size: 100 mm x 148 mm to 330.2 mm x 487.7 mm Multi-purpose tray: Standard size: A4, A4R, A5R, A3, SRA3, 13" x 19" (330 x 483 mm) Free size: 100 x 148 mm to 330.2 x 487.7 mm Envelopes: No.10 (COM10), Monarch, ISO-C5, DL
Supported media sizes	Cassettes: 52 to 220 gsm Multi-purpose tray / Optional Paper deck: 52 to 300 gsm Duplex: 52 to 300 gsm
Supported media weights	0.7 W
Energy consumption (sleep mode)	5 minutes
Time to sleep mode	
General Specifications	
Warm-up time	Approx. 360 seconds
Interface type	USB 2.0 Hi-speed Ethernet: 1000 BaseT / 100Base-TX / 10Base-T Standard: 2 x USB Host
Network protocols	TCP/IP* (LPD / Port 9100 / WSD / IPP / IPPS / SMB / FTP), IPX / SPX (NDS, Bindery), AppleTalk *IPv4 / IPv6 support
Processor speed	1.66 GHz (SOC ARM 1136JF-S 400 MHz, ARM 946 200 MHz)
Memory	1.5 GB (SOC 2 GB)
Hard disk drive	Standard 1 TB hard disk drive
Control panel (EFI/Canon PS/PCL)	Upright Control Panel-D1: 26.4 cm (10.4 inch) TFT SVGA LED Backlight Colour Uplight Touchscreen
Dimensions (W x D x H)	1,952 mm* x 934 mm x 1,424 mm** (W x D x H) * Includes Operator Panel and Output tray option ** Includes Operator Panel (Height to ADF is 1,222.2 mm)
Installation space (W x D)	1,952 (W) x 1,624 (D) mm
Weight	Approx. 316 kg *includes ADF
Operating environment	Temperature: 20 to 27°C (50 to 86°F) Humidity: 15 to 60 % RH (no condensation)
Power source	220-240 V (±10 %), 50/60 Hz (±2 Hz), 16A x 2 * All Europe 220-240 V (±10 %), 50/60 Hz (±2 Hz), 13A x 2 * UK
Power consumption	Maximum: Approx. 1,560 W (at power supply) or less + 2,500 W (at fusing unit) or less Standby: Approx. 1.0 Wh or less Sleep mode: Approx. 1.5 Wh or less Typical Electricity Consumption (TEC) rating: 9.95 kwh
Noise levels	Sound Pressure Active: 75 dB or less, Standby: 56 dB or less
Fiery Print Controller Specifications	
Optional / Standard	Optional
Name	imagePRESS Server G100 (Embedded Fiery based server)
Page description languages	PCL5/6 (driver & Utility support : only for embedded) Adobe PostScript Level 3
Resolution	1,200 dpi x 1,200 dpi, 600 dpi x 600 dpi
Memory	Embedded Fiery based server: 1 x 2 GB
Hard disk drive	Embedded Fiery based server: 1 x 500 GB

Processor speed

Embedded Fiery based server: 2.9 GHz (Intel Pentium G850)

Fonts

138 Adobe PS fonts, 113 PCL fonts, 32 barcode

Supported operating systems

Windows XP, Server 2003, Server 2008, Server 2008R2, Server 2012, Vista, 7, 8, 8.1
MacOS 10.5, 10.6, 10.7, 10.8, 10.9, 10.10 (Yosemite)

Interface

Ethernet 1000 Base-T / 100Base-TX / 10Base-T), USB, DSUB 15 pin connector

Network protocols

TCP / IP, AppleTalk(only support font downloader), Bonjour, SNMP, IPP, FTP, SMB, IPv6,WSD (minimum support to achieve WHQL certification)

EFI accessories (optional)

SeeQuence Suite / Impose / Compose, Productivity Package (For G100)

Scan Specifications

Name

Duplex Colour Image Reader Unit H1
Optional colour flatbed scan unit and 300-sheet duplex automatic document feeder (One-Pass Duplex Scan)

Description

A3, A4, A4R, A5, A5R, Free sizes (W x L): Min. 139.7 mm x 128 mm, Max. 432 mm x 304.8 mm

Supported media sizes

Single-sided scanning (BW/CL): 38 to 220 gsm / 64 to 220 gsm;
Double-sided scanning (BW/CL): 50 to 220 gsm / 64 to 220 gsm

Supported media weights (BW/CL)

Copy: 600 dpi x 600 dpi
Send: 600 dpi x 600 dpi / 300 dpi x 300 dpi

Scan resolution

2-sided to 2-sided (Automatic)

Duplex scanning

Single-sided (A4, 300 dpi): (BW / CL) 120 / 120 ipm
Double-sided (A4, 300 dpi): (BW / CL) 200 / 140 ipm
Single-sided (A4, 600 dpi): (BW / CL) 120 / 70 ipm
Double-sided (A4, 600 dpi): (BW / CL) 120 / 70 ipm

Scan speed

60 ppm model: Up to 60/60 ppm (A4/A5R), up to 60 ppm (A4R)

Copy Specifications

Copy speed (BW/CL)

Colour: Approx. 7.7 sec
BW: Approx. 6.9 sec

First Copy Output Time (FCOT) (BW/CL)

Reading: 600 dpi x 600 dpi
Printing: 2,400 dpi x 2,400 dpi

Copy resolution

Paper Input

POD Deck Lite-B1

Paper Size: A3, A4, A4R, A5R, SRA3, 13" x 19", Free size (139.7 mm x 148 mm to 330.2 mm x 487.7 mm)
Paper Weight: 52 to 300 gsm
Paper Capacity: 3,500 sheets (80 gsm) / 4,000 sheets (64 gsm)
Dimensions (W x D x H): 717 mm x 686 mm x 568 mm
Weight: Approx. 76 kg

Multi-Drawer paper deck-B1

Paper Size: A3, A4, A4R, A5R, SRA3, 13" x 19", Free size (139.7 mm x 182 mm to 330.2 mm x 487.7 mm)
Paper Weight: 52 to 300 gsm
Paper Capacity: 3 x 2,000 sheets, total 6,000 sheets (80 gsm)/3 x 2,200 sheets, total 6,600 sheets (64 gsm)
Dimensions (W x D x H): 950 mm x 797 mm x 1,098 mm
Weight: Approx. 155 kg

Output Specifications

Staple Finisher-T1

Tray Capacity:
Upper Tray (A) Capacity: A4/A4R/A5R 1,300 sheets, A3 650 sheets, SRA3/13" x 19" 650 sheets
Lower Tray (B) Capacity: A4 2,450 sheets, A4R 1,700 sheets, A3 650 sheets, SRA3 650 sheets
Paper Weight: 52 to 300 gsm
Staple Position: Corner, Double
Staple Capacity: A4: 50 sheets, A3/A4R: 30 sheets
Dimensions (W x D x H): 644 mm (Max 761*) x 656 mm x 1,121 mm
*when the auxiliary tray is extended.
Weight: Approx. 48 kg

Booklet Finisher-T1

Tray Capacity:
Upper Tray (A) Capacity: A4/A4R/A5R 1,300 sheets, A3 650 sheets, SRA3/13" x 19" 650 sheets
Lower Tray (B) Capacity: A4 2,450 sheets, A4R 1,700 sheets, A3 650 sheets, SRA3 650 sheets
Paper Weight: 52 to 300 gsm
Staple Position: Corner, Double
Staple Capacity: A4: 50 sheets, A3/A4R: 30 sheets
Booklet stitch paper size: A3, A4R
Booklet stitch staple capacity: 16 sheets (80 gsm)
Dimensions (W x D x H): 644 mm(Max 761*) x 656 mm x 1,121 mm
*when the auxiliary tray is extended.
Weight: Approx. 48 kg

External 2/4 Hole Puncher-C1

Requires either the Staple or Booklet Finisher-T1
Punch Hole type: 2 holes and 4 holes (FRN) selectable
Acceptable Punch Paper Weight: 52-256 gsm
Acceptable Punch Paper Size: 2 holes: A3, A4, A4R, Free size (182 x 182 to 297 x 432.0 mm) 4 holes: A3, A4, Custom size Free size (257 x 182 mm to 297 x 432 mm)
Weight: Approx. 7.7 kg

External 4 Hole Puncher-C1

Requires either the Staple or Booklet Finisher-T1
Punch Hole type: 4 holes (Swe)
Acceptable Punch Paper Weight: 52-256 gsm
Acceptable Punch Paper Size: 2 holes: A3, A4, A4R, Free size (182 x 182 to 297 x 432.0 mm) 4 holes: A3, A4, Custom size Free size (257 x 182 mm to 297 x 432 mm)
Weight: Approx. 7.7 kg

Output Tray-A1

Paper Size: All available size on marking engine
Paper Weight: 52 to 300 gsm
Output Capacity: 250 sheets at simplex printing/100 sheets at duplex printing
Dimensions (W x D x H): 422 mm x 382 mm x 175 mm
Weight: Approx. 1.2 kg

Canon Inc.
canon.com

Canon Europe
canon-europe.com

UK English edition
© Canon Europa N.V, 2015

Canon (UK) Ltd
Woodhatch
Reigate
Surrey RH2 8BF
Telephone no 01737 220000
Facsimile 01737 220022
canon.co.uk

Canon Ireland
3006 Lake Drive
Citywest, Saggart
Co.Dublin, Ireland
Telephone No: 01 2052400
Facsimile No: 01 2052525
canon.ie

