imageRUNNER ADVANCE 8500 II series



A HIGHLY PRODUCTIVE AND RELIABLE MONO DIGITAL PRINTER FOR PROFESSIONAL AND INTEGRATED **ENVIRONMENTS**





QUICK FACTS



- Format: Mono cutsheet printing of A4, A3, SRA3 and custom sizes
- Maximum number of Paper Cassettes: 5
- Paper input Capacity: 7.700 sheets
- Finishing Capabilities: Collate, Group, Offset, Staple, Saddle Stitch, Hole Punch (multiple patterns), Trimming, Insertion, Fold (C-/Z-/Half/Double parallel/Accordion-Z fold), Staple-Free Staple, Staple on Demand
- ADF Capacity: 300 sheets
- ADF Type: Platen and DADF
- A4 Mono Print Speed Range: 85 105ppm
- Scan Speed: 240ipm
- Print Languages: UFRII, PCL6
- Print Languages. OFKII, FOLO
 Optional: Adobe PostScript 3, EFI Fiery external server
 - Print Resolution: 1,200 x 1,200

- · Suitable for demanding corporate or light production environments
- Produces fast print speeds of up to 105 ppm in black and white
- The flexible media handling capabilities enable you to choose from numerous paper sources and use heavy media up to 256 gsm
- Extensive paper supply of up to 7,700 sheets
- Create professional-looking reports, booklets, newsletters, manuals, proposals, and contracts with flexible finishing options such as professional punching, folding, document insertion, stapling and booklet making
- Optional Fiery-based imagePASS-Y2 controllers enhance processing, job management and workflow automation
- Class leading Typical Electricity Consumption (TEC) ratings
- Qualifies for the latest stringent Blue Angel certification
- Fusing technologies, pO toner, and innovative sleep mode features help lower overall energy consumption. Consumes as little as 0.9 W in sleep mode

UNIFIED FIRMWARE PLATFORM

Common Firmware and features that apply to all imageRUNNER ADVANCE Generation 3 2nd Edition models

⚠ SECURITY:

- Prevent unauthorised distribution of sensitive information with our most sercure imageRUNNER ADVANCE ever through an array of standard and optional document security features
- Choose from device based or Cloud based authentication without the need for an additional server
- Ability to disable functions by user to prevent unauthorised usage
- Secure Print and Mailbox enhance document confidentiality
- Ensure information privacy and security across your network with IPsec, port filtering capabilities, and SSL technology
- Mitigate the risk associated with the governance of sensitive information and data privacy (PII data) with the Industry-first Data Loss Prevention and auditing of prints, copies, scans and faxes through uniFLOW

PRODUCTIVITY:

- Advanced personalisation enables a unique, personal experience tailored to meet each user's workflow needs
- Intuitive user interface with a large, responsive colour touchscreen with smart phone-like usability
- Motion sensor technology wakes device from sleep mode.
- Convenient Staple-on-demand functionality
- Automatically remove blank pages when scanning
- Scan and convert documents to Searchable PDF, Microsoft® Word, and Microsoft® PowerPoint
- Effortless capturing of paper-based documents with rapid single pass scanning (DADF) and smart media handling capabilities such as multi-sheet feed detection, help speed up the process of digitising documents
- Secure mobile printing as standard
- Enable guest printing with Direct Connection
- Substitute your PC for your smart device to complete your day-to-day workflows
- Support for industry standards such as Apple Airprint® and Mopria®

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INTEGRATION:

- Tight integration with uniFLOW Online Express, a Cloud based output management system
- uniFLOW Online Express provides extensive tracking and reporting capabilities from a central web based system
- Collaborates with business applications and external systems in the cloud
- Canon's MEAP platform provides process optimisation, by integrating with a range of powerful document, capture and output management solutions such as uniFLOW
- Canon's device management tools give you a centralised point of control across your entire fleet, upgrade devices, check device status and consumables, turn off devices remotely, capture meter readings, as well as manage address books and printer drivers
- Supports industry and network standards i.e. PCL and Adobe PostScript for seamless integration

COST MANAGEMENT:

- Technology designed to reduce total cost of print
- · User activity tracking provides visibility of print behaviour
- · Apply policies and restrict usage at function level by user

- Remote diagnostics and assistance, help reduce costs by minimising downtime and time spent by IT resolving issues
- Remote and centralised fleet management simplifies IT management of devices and fleets

QUALITY AND RELIABILITY:

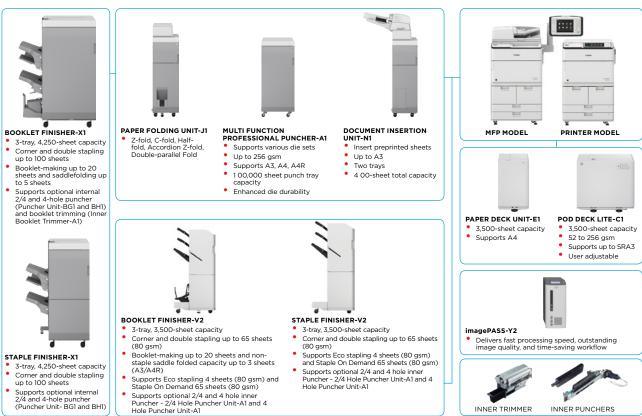
- Designed to achieve maximum uptime with intuitive user maintenance videos and status notifications, to help keep supplies replenished
- Canon's signature reliability and engine technologies provide high quality output to meet the needs of busy departments
- Quiet finishing provides less interruptions to workers, keeping employees productive

SUSTAINABILITY:

- Incorporates sustainable design and a focus on minimising environmental impact
- **ENERGY STAR® qualified**
- Minimise waste with default 2-sided printing, secure printing, and the ability to hold print jobs, preview them and change print settings at the device, achieving the desired results at the first time of printing

Main configuration options

imageRUNNER ADVANCE 8585 II*



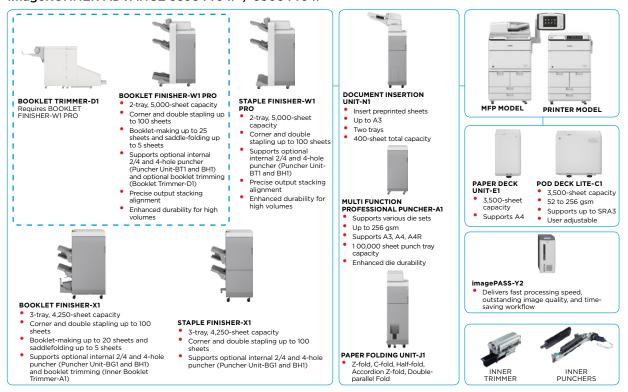
This flat configuration is for illustration purpose only. For a complete list of options and the exact compatibility relationships, please refer to the online product configurator II* indicates that this model has been upgraded to new system software and includes additional security features as standard

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imageRUNNER ADVANCE 8595 Pro II* / 8505 Pro II*



This flat configuration is for illustration purpose only. For a complete list of options and the exact compatibility relationships, please refer to the online product configurator.

II* indicates that this model has been upgraded to new system software and includes additional security features as standard

TECHNICAL SPECIFICATIONS

MAIN UNIT Machine type Core functions Processor Speed Control Panel

Memory Hard Disk drive Mirroring Hard Disk Drive Interface Connection

Paper Input (Standard)

Paper Input (Option)

Maximum Paper Input Paper output capacity

Finishing capabilities

Monochrome Laser Multifunctional Print, Copy, Scan, Send, Store and Optional Fax Canon Dual Custom Processor (Shared) Canion Dual Custom Processor (Silared) 26.4 cm (10.4 inch) Upright Colour SVGA Control Panel (MFP model) 25.6 cm (10.1 inch) TFT LCD WSVGA Colour Touch Panel Standard: 3.0 GB RAM Standard: 250 GB, Maximum: 1 TB Optional (250 GB, 1 TB) Optional (250 GB, 11B)
NETWORK
Standard: 1000Base-T/100Base-TX/10Base-T, Wireless
LAN (IEEE 802.11 b/g/n)
Optional: NFC, Bluetooth
OTHERS Standard: USB 2.0 (Host) x2, USB 3.0 (Host) x1, USB 2.0 (Device) x1; Optional: Serial Interface, Copy Control Interface 2 x 1500-sheet cassettes + 2 x 550-sheet cassettes (80 gsm); 100-sheet multi-purpose tray (80 gsm) Additional 3,500 sheets (80 gsm) (POD DECK LITE-C1 or PAPER DECK UNIT-E1) 7,700 sheets (80 gsm) 250 sheets (Copy Tray-R2) With External Finisher 3,500 sheets (with STAPLE FINISHER-V2/BOOKLET FINISHER-V2)[1] 4,250 sheets (with STAPLE FINISHER-X1/BOOKLET FINISHER-X1)

5,000 sheets (with STAPLE FINISHER-W1 PRO/BOOKLET FINISHER-W1 PRO)
Collate, Group, Offset With External finisher: Collate, Group, Offset, Staple, Staple On Demand, Staple-free Staple, Booklet, Booklet Trimming, Hole Punch, Professional Hole Punch, Document Insertion, Folding (C, Z, Half, Accordion Z, Double Double-parallel)

Supported media types Upper Left/Right Cassettes (1/2):

Supported media sizes

Supported media weights

Dimensions (W x D x H)

Warm-up Time

Opper Letty Right Cassettes (1/2): Thin paper, Plain paper, Recycled paper, Colour paper, Heavy paper, Pre-punched paper, Letterhead, Bond paper Lower Cassettes (3/4): Thin paper, Plain paper, Recycled paper, Colour paper, Heavy paper, Prepunched paper, Letterhead, Bond paper, Tab paper

Multi-purpose tray:
Thin paper, Plain paper, Recycled paper, Colour paper,
Heavy paper, Prepunched paper, Bond, Transparency,
Labels, Letterhead, Envelope, Clear Film, Tab paper,
Tracing (3)

Iracing ¹³
POD DECK LITE-C1: Thin paper, Plain paper, Recycled paper, Colour paper, Heavy paper, Pre-punched paper, Letterhead, Bond paper, Transparency, Labels, Tab paper PAPER DECK UNIT-E1: Thin paper, Plain paper, Recycled paper, Colour paper, Heavy paper, Pre-punched paper, Letterhead, Bond paper

Upper Left/Right Cassettes (1/2): Standard size: A4, B5

Lower Cassettes (3/4):

Estandard size: 330 mm x 483 mm (13" x 19"), 320 mm x 450 mm (SRA3), 305 mm x 457 mm (12" x 18"), A3, B4, A4, A4R, A5R, B5, B5R

Custom size: 139.7 mm x 182 mm to 330.2 mm x 487.7 mm

Multi-purpose tray:

Standard size: 330 mm x 483 mm (13" x 19"), 320 mm x 450 mm (SRA3), 305 mm x 457 mm (12" x 18"), A3, B4, A4, A4R, A5R, B5, B5R Custom size: 100 mm x 148 mm to 330.2 mmx 487.7 mm

POD DECK LITE-C1:

70D DECK [115-C]; 330 mm x 483 mm (13" x 19"), 320 mm x 450 mm (SRA3), 305 mm x 457 mm (12" x 18"), A3, B4, A4, A4R, A5R, B5, B5R

Custom size: 139.7 mm x 182 mm to 330.2 mm x 487.7 mm PAPER DECK UNIT-E1:

Cassettes: 52 to 220 gsm

Multi-purpose tray: 52 to 256 gsm

Duplex: 52 to 220 gsm

From Power On: 60 Seconds or Less^[4] From Sleep Mode: 60 Seconds or Less Quick Startup Mode: 4 Seconds

Printer Model: 670 mm x 779 mm x 1040 mm MFP Model: 1481 mm x 770 mm x 1252 mm

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TECHNICAL SPECIFICATIONS

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Installation Space (W x D)

Weight

PRINT SPECIFICATIONS

Printing method Print Speed

Print Resolution Page description languages Double Sided Printing Direct Print

Printing from mobile and cloud

Operating System

COPY SPECIFICATIONS (MFP MODELS ONLY) Copy Speed

First-Copy-Out Time Copy resolution

Copy Exposure **Preset Reductions** Preset Enlargements

SCAN SPECIFICATIONS (MFP MODELS ONLY) Standard type

Pull Scan Spec

Scan Resolution

Acceptable Originals

Scan Speed (BW/Color: A4

Paper Capacity Double sided scanning

SEND SPECIFICATIONS Optional/Standard

1,362 mm x 1,353 mm (Basic: with only Multi-purpose tray tray + Cassette drawers open + Copy Tray)
4,098 mm x 1,617 mm (Fully configured: POD DECK LITE-C1+ BOOKLET FINISHER-WI + DOCUMENT INSERTION UNIT-N1 + PAPER HOLDING UNIT-J1 + BOOKLET TRIMMER-DI)

Printer Model: Approx 206 kg including toner MFP Model: Approx 240 kg including toner

Monochrome laser beam printing Monocironia laser beam printing iR-ADV 8585 Pro II⁺: 85 ppm (A4), 44 ppm (A3), 63 ppm (A4R), 85 ppm (A5R), iR-ADV 8595 Pro II⁺: 95 ppm (A4), 50 ppm (A3), 691 ppm (A4R), 95 ppm (A5R), iR-ADV 8505 Pro II⁺: 105 ppm (A4), 54 ppm (A3), 76.3 ppm (A4R), 105 ppm (A5R) 1200 dpi x 1200 dpi, 600 dpi x 600 dpi UFR II, PCL 6 (optional), Adobe PS 3 (optional)

UFR II, PCL. 6 (optional), Adobe PS 3 (optional)
Automatic (Standard)
Direct printing available from USB memory key, Advanced
space, Remote UI and Web Access⁽⁵⁾
Supported file types: PDF, TIFF, JPEG, EPS and XPS
A range of software and MEAP-based solutions is
available to provide printing from mobile devices or
internet-connected devices and cloud-based services.
Please contact your sales representative for further
information. information.

PCL fonts: 93 Roman, 10 Bitmap fonts, 2 OCR fonts, Andalé Mono WTJ/K/S/T⁽ⁱⁱ⁾ (Japanese, Korean, Simplified and Traditional Chinese), Barcode fonts⁽⁷⁾ PS fonts: 136 Roman UFRII: Windows Vista/Server 2008/Windows 7/Server 2008 R2/ Server 2012/ Windows 8.1/Server 2012 R2/ Windows 10/Server 2016, MAC OS X (10.7 or later)
PCL: Windows Vista/Server 2008/Windows 7/Server 2012 R2/ PCL: Windows Vista/Server 2008/Windows 7/Serve 2008 R2/Server 2012/ Windows 8.1/Server 2012 R2/ Windows 10/Server 2016

Windows 10/Server 2016
PS: Windows Vista/Server 2008/Windows 7/Server
2008 R2/ Server 2012/ Windows 8.1/Server 2012 R2/
Windows 10/Server 2016, MAC OS X (10.7 or later)
PPD: MAC OS X (10.3.9 or later), Windows Vista/
Windows 7/Windows 8.1/Windows 10

iR-ADV 8585 Pro II*: 85 ppm (A4), 44 ppm (A3), 63 ppm (A4R), 85 ppm (A5R) iR-ADV 8595 Pro II*: 95 ppm (A4), 50 ppm (A3), 69.1 ppm (A4R), 95 ppm (A5R) iR-ADV 8505 Pro II*: 105 ppm (A4), 54 ppm (A3), 76.3 ppm (A4R), 105 ppm (A5R) Approx 2.7 specods or less

Approx. 2.7 seconds or less Reading: 600 dpi x 600 dpi Printing: 1200 dpi x 1200 dpi Up to 9,999 copies

Automatic or Manual (9 Levels) 25% - 400% (1% Increments) 25%, 50%, 71% 141%, 200%, 400%

Reader and Single-pass Duplexing Automatic Document

Colour Network ScanGear2. For both TWAIN and WIA Supported OS: Windows Vista/7/8.1/10 Windows Server 2008/Server 2008 R2/Server 2012/ Server 2012 R2/Server 2016

100 x 100 dpi, 150 x 150 dpi, 200 x 100 dpi, 200 x 200 dpi, 200 x 400 dpi, 300 x 300 dpi, 400 x 400 dpi, 600 x 600 dpi

600 x 600 dpi
Platen: Sheet, Book, 3-Dimensional Objects (up to 2kg)
Feeder size: A3, B4, A4, A4R, B5, B5R, A5, A5R, B6R
Feeder weight: 1-sided scanning: 38 to 220 gsm/
64 to 220 gsm (BW/CL)
2-sided scanning: 50 to 220 gsm/64 to 220 gsm (BW/CL)
Single-sided (A4, 300 dpi): 120/120 ipm;
Single-sided (A4, 600 dpi): 120/60 ipm (BW/CL);
Double-sided Scanning: 240/220 ipm (A4, 300 dpi)
150/60 ipm (A4, 600 dpi)
300 Sheets (80 qsm)

300 Sheets (80 asm)

2-sided to 2-sided (Automatic)

Standard on all models

E-Mail/Internet FAX (SMTP), SMB, FTP, WebDAV, Mail Box, Super G3 Fax (optional), IP Fax (optional)

Address Book/Speed dials Send resolution

Communication protocol

FAX SPECIFICATIONS Optional/standard Modem Speed Compression Method

File Format

Resolution

Sending/Recording Size FAX memory Speed dials Group dials/destinations Sequential broadcast Memory backup

SECURITY SPECIFICATIONS Authentication

Network Document

ENVIRONMENTAL SPECIFICATIONS **Operating Environment**

Power source

Noise levels

Standards

CONSUMABLES Toner Cartridge/s

HARDWARE ACCESSORIES

LDAP (2000)/Local (1600)/Speed dial (200) 100 x 100 dpi, 150 x 150 dpi, 200 x 100 dpi, 200 x 200 dpi, 200 x 400 dpi, 300 x 300 dpi, 400 x 400 dpi, 600 x 600 dpi

400 x 400 dpi, 600 x 600 dpi
File: FTP, SMB v3.0, WebDAV
E-mail/I-Fax: SMTP, POP3, I-Fax (Simple, Full)
Standard: TIFF, JPEG, PDF (Compact, Searchable,
Apply PDF file protection by Adobe Live Cycle
Rights Management™, Optimise for Web, PDF A/1-b,
Encrypted), XPS (Compact, Searchable), Office Open XML
(PowerPoint, Word), PDF/XPS (Digital Signature)
Optional: PDF (Trace&Smooth)

Optional on all models Super G3: 33.6 kbps; G3: 14.4 kbps

MH, MR, MMR, JBIG

A3, B4, A4, A4R, B5^[8], B5R^[8], A5^[9], A5R^[9]

Up to 30,000 pages Max. 200

Max. 199 dials

Max. 256 addresses

Standard: Universal Login Manager (Device and Function Level Log-in), uniFLOW Online Express Cloud based management software, User Authentication, Department ID, Authentication, Access Management System Optional: My Print Anywhere secure print (Requires uniFLOW) uniFLOW)

uniFLOW)
Standard: Trusted Platform Module (TPM), Hard Disk
Password Lock, Hard Disk Drive Erase, Mail Box Password
Protection, Hard Disk Drive Encryption (FIPS140-2
Validated), IEEE 2600.2 Common Criteria Certification
Optional: Hard Disk Drive Mirroring, Hard Disk Drive
removal, Data Loss Prevention (Requires uniFLOW)
Standard: IP/Mac Address Filtering, IPSEC, TLS Encrypted
Communication, SNMP V3.0, IEEE 802.1X, IPV6, SMTP
Authentication, POP Authentication before SMTP

Standard: Secure Print, Adobe LiveCycle® Rights Management ES2.5 Integration, Encrypted PDF, Encrypted Secure Print, Device Signature, Secure Watermarks Optional: User Signature, Document Scan locking

Temperature: 10 to 30 °C (50 to 86 °F) Humidity: 20 to 80 % RH (no condensation) Humidity: 20 to 80 % RH (no condensation)
220-240 V (±10 %), 50/60 Hz (±2 Hz), 10 Amp
Maximum: Approx. 2.4 KW
Standby: Approx. 2.24 W
Stendby: Approx. 2.25 W
Sleep mode: Approx. 0.9 W or less^[10]
Typical Electricity Consumption (TEC) rating:
9.1 kWh (iR-ADV 8585 Pro II*),
10.9 kWh (iR-ADV 8505 Pro II*)
7. 10.7 kWh (iR-ADV 8505 Pro II*)
8. VAIN (iR-ADV 8505 Pro I

ENERGY STAR® Qualified Blue Angel

C-EXV 35 TONER BK

For full information on options available for the iR-ADV 8500 II* series, please refer to the specification tables on your local Canon web site.

Footnotes

II* indicates that this model has been upgraded to new system software and includes additional security features as standard.

Only available for imageRUNNER ADVANCE 8585 Pro II

Tab paper can be fed from cassette 3 & 4 when the optional TAB FEEDING ATTACHMENT KIT-B1 is installed

Some types of tracing paper cannot be used

[4] Time between device power-on and when the start key is enabled (print reservation) [5] PDF print from websites is supported

Requires optional PCL International Font Set-A1
Page 173 Requires optional Barcode Printing Kit-D1

Sent as A4

[10] 0.9W sleep mode may not be possible in all circumstances due to certain settings

Software & Solutions















Certifications and compatibility







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Canon Europe canon-europe.com

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