

imageRUNNER ADVANCE 8500 II Series

Black-and-White | High-Volume | Multifunction

Print up to 105 ppm (BW)

Scan up to 240/220 ipm (300 dpi) (BW, color, duplex)

Print up to 13" × 19"

7,700-sheet maximum paper capacity



Canon's comprehensive portfolio of imageRUNNER ADVANCE multifunction printers and integrated solutions can help **simplify** the end user experience and management of technology; better **control** sensitive information and print-related costs; and help ensure that technology investments proactively **evolve** with changing needs.



WORKFLOW EFFICIENCY

- 10.1" intuitive touchscreen with smartphone-like usability.
- A unique, customized experience tailored to individual preferences with My ADVANCE.
- Supports mobile solutions and integration with many popular cloud services like Google Drive and Box.¹
- Scan and convert documents to searchable digital files in a variety of file formats.
- Integration with Canon and various third-party software with embedded application platform.



SECURITY

- Advanced standard security feature set to help safeguard sensitive information and assist in regulatory compliance.
- Security policy settings can be controlled with a dedicated password, configured from a central location, and exported to other supported devices.
- Control who has access to the device, and to which features, using a host of flexible authentication methods – picture login, PIN code, user name/password, or card access.²



COST MANAGEMENT

- Track and assess print, copy, scan, and fax usage and allocate costs to departments or projects.
- Apply print policies and restrict usage by user to help reduce unnecessary printing and contribute to cost efficiency.
- Standard cloud-based solution provides a centralized dashboard with up-to-the-minute insights into printer activity.³
- Upgrade to uniFLOW server or cloud-based solutions for full accounting and reporting for compatible Canon and third-party devices, follow-me printing, job routing, and powerful scan workflows.



DEVICE AND FLEET MANAGEMENT

- Designed for quick, easy deployment.
- Remote diagnostics and parts life management for proactive maintenance and rapid fixes.
- Easy and intuitive to monitor device status and consumable levels, turn off devices remotely, observe meter readings, manage settings, and implement security policies.
- Common firmware and regular updates with Unified Firmware Platform (UFP) for continuous improvements and consistency across a fleet.



QUALITY AND RELIABILITY

- Canon's signature reliability and engine technologies help keep productivity high and minimize the impact on support resources.
- Outstanding imaging technologies and toner allow for crisp text and consistent images in rich black-and-white tones.
- Designed to achieve maximum uptime with status notifications to help keep supplies replenished and intuitive maintenance videos for consumables replacement.



SUSTAINABILITY

- A combination of fusing technologies and low-melting-point toner minimizes power requirements and helps achieve low energy consumption.
- Encourage environmentally-conscious work practices by enabling multiple settings that can help save paper and energy.
- ENERGY STAR® certified and rated EPEAT® Gold.⁴



STAPLE FINISHER-W1 PRO

- 2-tray, 5,000-sheet capacity
- Corner and double stapling up to 100 sheets
- Supports optional internal 2/3-hole puncher (Puncher Unit-BS1)
- Precise output stacking alignment
- Enhanced durability for high volumes



STAPLE FINISHER-X1

- 3-tray, 4,250-sheet capacity
- Corner and double stapling up to 100 sheets
- Supports optional internal 2/3-hole puncher (Puncher Unit-BF1)



STAPLE FINISHER-V2 (iR ADV 8585i II only)*

- 3-tray, 3,500-sheet capacity
- Corner and double stapling up to 65 sheets
- Supports Staple-free Stapling and Staple On Demand
- Supports optional internal 2/3-hole puncher (2/3 Hole Puncher Unit-A1)



BOOKLET FINISHER-W1 PRO

- 2-tray, 5,000-sheet capacity
- Corner and double stapling up to 100 sheets
- Booklet-making up to 25 sheets and saddle-folding up to 5 sheets
- Supports optional internal 2/3-hole puncher (Puncher Unit-BS1) and optional booklet trimming (Booklet Trimmer-D1)
- Precise output stacking alignment
- Enhanced durability for high volumes



BOOKLET FINISHER-X1

- 3-tray, 4,250-sheet capacity
- Corner and double stapling up to 100 sheets
- Booklet-making up to 20 sheets and saddle-folding up to 5 sheets
- Supports optional internal 2/3-hole puncher (Puncher Unit-BF1) and booklet trimming (Inner Booklet Trimmer-A1)



BOOKLET FINISHER-V2 (iR ADV 8585i II only)*

- 3-tray, 3,500-sheet capacity
- Corner and double stapling up to 65 sheets
- Booklet-making up to 20 sheets and saddle-folding up to 3 sheets
- Supports Staple-free Stapling and Staple On Demand
- Supports optional internal 2/3-hole puncher (2/3 Hole Puncher Unit-A1)



DOCUMENT INSERTION UNIT-N1*

- Insert preprinted sheets
- Up to 13" x 19-1/4"
- Two trays
- 400-sheet total capacity



MULTI FUNCTION PROFESSIONAL PUNCHER-A1*

- Supports various die sets
- Up to 140 lb. Index
- Supports 12" x 18", 11" x 17", Legal, Letter, Letter-R, and more
- 100,000-sheet punch tray capacity
- Enhanced die durability



PAPER FOLDING UNIT-J1*

- Z-fold, C-fold, Half-fold, Accordion Z-fold, Double-parallel Fold



UPRIGHT
CONTROL
PANEL**

UTILITY
TRAY-B1



PAPER DECK UNIT-E1

- 3,500-sheet capacity
- 14 lb. Bond to 140 lb. Index
- Supports LTR



POD DECK LITE-C1

- 3,500-sheet capacity
- 14 lb. Bond to 140 lb. Index
- Supports up to 13" x 19"
- User adjustable



imagePASS-Y2

- Delivers fast processing speed, outstanding image quality, and time-saving workflow
- Personalized printing with the built-in, entry-level Fiery FreeForm™ or with the supported industry-leading variable data printing (VDP) formats
- Integrates print production workflows with EFI™ management information systems, Web-to-Print systems, and popular prepress workflows for end-to-end automation
- Communicates with the full suite of optional uniFLOW modules

* Staple Finisher-V1 and Booklet Finisher-V1 are not compatible with Document Insertion Unit-J1, Multi Function Professional Puncher-A1, and Paper Folding Unit-J1.

** Upright control panel standard on imageRUNNER ADVANCE 8505i/8595i models. The imageRUNNER ADVANCE 8585i comes standard with a flat control panel. An optional upright control panel is available.

SPECIFICATIONS

Main Unit

Type

Monochrome Laser Multifunctional

Core Functions

Standard: Print, Copy, Scan, Send, Store
Optional: Fax

Processor

Canon Dual Custom Processor (Shared)

Control Panel

Standard for
iR ADV 8585i II: 10.1" TFT LCD WSVGA Color Flat-panel
Standard for
iR ADV 8595i II, 8505i II: 10.4" TFT LCD SVGA Color
Optional for
iR ADV 8585i II: 10.4" TFT LCD SVGA Color
iR ADV 8585i II: Upright-panel
Upright-panel

Memory: 3.0 GB RAM

Hard Disk Drive

Standard: 250 GB
Maximum: 1 TB

Interface Connection

Network 1000Base-T/100Base-TX/10Base-T,
Wireless LAN (IEEE 802.11 b/g/n)

Others

Standard: USB 2.0 x2 (Host), USB 3.0 x1 (Host),
USB 2.0 x1 (Device)
Optional: Serial Interface, Copy Control Interface

Paper Sources (LTR, 20 lb. Bond)

Standard: Dual 1,500-sheet Paper Drawers, Dual
550-sheet Paper Cassettes, 100-sheet
Stack Bypass

Optional: 3,500-sheet Paper Deck (POD DECK
LITE-C1 or PAPER DECK UNIT-E1)

Paper Capacity (LTR, 20 lb. Bond)

Standard: 4,200 Sheets
Maximum: 7,700 Sheets

Paper Output Capacity (LTR, 20 lb. Bond)

With External
Finishers (-V1): 3,500 Sheets

With External
Finishers (-X1): 4,250 Sheets

With External
Finishers (-WI PRO): 5,000 Sheets

Finishing Capabilities

With External
Finishers: Collate, Group, Offset, Staple,
Booklet, Booklet Trimming, Hole Punch,
Professional Hole Punch, Document
Insertion, Folding (C, Z,
Half, Accordion Z, Double-parallel)

Supported Media Types

Paper Drawers (1/2): Thin, Plain, Recycled, Color, Heavy,
Pre-punched, Letterhead, Bond
Paper (3/4): Thin, Plain, Recycled, Color, Heavy,
Cassettes (3/4): Pre-punched, Letterhead, Bond, Tab⁵
Stack Bypass: Thin, Plain, Recycled, Color, Heavy,
Pre-punched, Bond, Transparency,
Labels, Letterhead, Tab, Tracing⁶

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

POD DECK LITE-C1: Thin, Plain, Recycled, Color, Heavy,
Pre-punched, Letterhead, Bond

Supported Media Sizes

Paper Drawers (1/2): Letter
Paper Cassettes (3/4): 13" x 19", 12-5/8" x 17-11/16", 12" x 18",
11" x 17", Legal, Letter, Letter-R,
Executive, Statement-R, Custom
Size (5-1/2" x 7-1/8" to 13" x 19-1/4")

Stack Bypass: 13" x 19", 12-5/8" x 17-11/16", 12" x 18",
11" x 17", Legal, Letter, Letter-R,
Executive, Statement-R, Custom
Size (5-1/2" x 7-1/8" to 13" x 19-1/4")
Free Size (4" x 7-1/4" to 13" x 19-1/4")

POD DECK LITE-C1: 13" x 19", 12-5/8" x 17-11/16", 12" x 18",
11" x 17", Legal, Letter, Letter-R,
Executive, Statement-R, Custom
Size (5-1/2" x 7-1/8" to 13" x 19-1/4")
Letter

PAPER DECK UNIT-E1: Letter

Supported Media Weights

Paper Decks/ 14 lb. Bond to 80 lb. Cover
Cassettes: (52 to 220 g/m²)
Stack Bypass: 14 lb. Bond to 140 lb. Index
(52 to 256 g/m²)
Duplexing: 14 lb. Bond to 80 lb. Cover
(52 to 220 g/m²)

Warm-up Time⁷

From Power On: 60 Seconds or Less
From Sleep Mode: 60 Seconds or Less

Dimensions (W x D x H)

8505i II/ 8595i II: 58-3/8" x 30-3/8" x 49-1/4"
(1481 mm x 770 mm x 1252 mm)
8585i II: 26-3/8" x 30-5/8" x 48"
(670 mm x 779 mm x 1220 mm)

Installation Space (W x D)

Fully Configured: 161-3/8" x 63-5/8" (4098 mm x 1617
mm) (POD DECK LITE-C1 + BOOKLET
FINISHER-WI PRO + DOCUMENT
INSERTION UNIT-N1 + PAPER FOLDING
UNIT-J1 + BOOKLET TRIMMER-D1)

Weight

8505i II/ 8595i II: Approx. 529.1 lb. (240 kg)⁸
8585i II: Approx. 520.3 lb. (236 kg)⁸

Print Specifications

Print Speed

8505i II: Up to 105 ppm (Letter)
Up to 81 ppm (Letter-R)
Up to 63 ppm (Legal)
Up to 53 ppm (11" x 17")
8595i II: Up to 95 ppm (Letter)
Up to 73 ppm (Letter-R)
Up to 60 ppm (Legal)
Up to 49 ppm (11" x 17")
Up to 85 ppm (Letter)
Up to 67 ppm (Letter-R)
Up to 57 ppm (Legal)
Up to 43 ppm (11" x 17")
8585i II: Up to 95 ppm (Letter)
Up to 73 ppm (Letter-R)
Up to 60 ppm (Legal)
Up to 49 ppm (11" x 17")
Up to 85 ppm (Letter)
Up to 67 ppm (Letter-R)
Up to 57 ppm (Legal)
Up to 43 ppm (11" x 17")

Print Resolution (dpi)

1200 x 1200, 600 x 600

Standard Page Description Languages

UFR II, PCL6, Adobe PS 3

Direct Print

Available from USB, Advanced Box, Remote UI,
and Web Access⁹

Supported File Types

PDF, TIFF, JPEG, EPS,¹⁰ XPS

Printing from Mobile and Cloud

A range of software and MEAP-based solutions are
available to provide printing from mobile devices or
Internet-connected devices and cloud-based services
depending on your requirements.

Fonts

PCL fonts: 93 Roman, 10 Bitmap fonts, 2 OCR
fonts, Andalé Mono WT J/K/S/T
(Japanese, Korean, Simplified
and Traditional Chinese)¹¹
PS fonts: 136 Roman

Operating System¹²

UFR II: 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: Server 2008/Windows 7/Server 2008 R2/
Server 2012/Windows 8.1/
Server 2012 R2/Windows 10/Server 2016
PS: 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)

Copy Specifications

Copy Speed

8505i II: Up to 105 ppm (Letter)
Up to 81 ppm (Letter-R)
Up to 63 ppm (Legal)
Up to 53 ppm (11" x 17")
8595i II: Up to 95 ppm (Letter)
Up to 73 ppm (Letter-R)
Up to 60 ppm (Legal)
Up to 49 ppm (11" x 17")
8585i II: Up to 85 ppm (Letter)
Up to 67 ppm (Letter-R)
Up to 57 ppm (Legal)
Up to 43 ppm (11" x 17")

First-Copy-Out Time: As Fast as 2.7 Seconds

Copy Resolution (dpi)

Reading: 600 x 600
Printing: 1200 x 1200

Multiple Copies: Up to 9,999

Magnification: 25%-400% (1% Increments)

Preset Reductions: 25%, 50%, 64%, 73%, 78%

Preset Enlargements: 121%, 129%, 200%, 400%

Basic Copy Features

Preset Reduction/Enlargement Ratios by Area, Paper
Setting, Previous Settings, Favorite Settings, Finishing, Two-
Sided, Density Adjustment, Original Type Selection, Interrupt
Mode, Setting Confirmation/Cancel

Special Copy Features

Book to Two Pages, Two-sided Original, Finishing, Booklet,
Job Build, N on 1, Add Cover, Insert Sheets, Different-size
Originals, Density Adjustment, Original Type Selection,
Transparency Cover Sheets, Page Numbering, Copy Set
Numbering, Sharpness, Erase Frame, Secure Watermark,
Print Date, Shift, Gutter, Print & Check, Negative/Positive,
Repeat Images, Merge Job Blocks, Job Done Notice, Mirror
Image, Print on Tab, Store in Mail Box, Superimpose Image,
Cascade Copy, Copy ID Card, Multi Sheet Feed Detection,
Free Size Original

Scan Specifications

Type

Color Platen and Single-pass Duplexing Automatic Document
Feeder

Document Feeder Paper Capacity

300 Sheets (20 lb. Bond)

Document Feeder Supported Media Sizes

11" x 17", Legal, Letter, Letter-R, Statement, Statement-R

Document Feeder Supported Media Weights

BW Original: 13 lb. Bond to 80 lb. Cover (50 to 220 g/m²)
Color Original: 17 lb. Bond to 80 lb. Cover (64 to 220 g/m²)

Platen Acceptable Objects

Sheet, Book, 3-Dimensional Objects [Up to 4.4 lb. (2 kg)]

Pull Scan

Color Network ScanGear2 for both Twain and WIA
Supported Windows Vista/7/8.1/10
OS: Server 2008/Server 2008 R2/Server 2012/
Server 2012 R2/Server 2016

Scan Resolution (dpi)

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

Scan to Mobile Devices and Cloud-based Services

A range of solutions is available to provide scanning to
mobile devices or cloud-based services depending
on your requirements.

Scan Speed (Letter)

Single-sided Scanning
BW: 120 ipm (300 dpi)/120 ipm (600 dpi)
Color: 120 ipm (300 dpi)/60 ipm (600 dpi)
Double-sided Scanning
BW: 240 ipm (300 dpi)/150 ipm (600 dpi)
Color: 220 ipm (300 dpi)/60 ipm (600 dpi)

Send Specifications

Destination

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

Address Book

LDAP (2,000)/Local (1,600)/Speed dial (200)

Send Resolution (dpi)

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

Communication Protocol

File: FTP, SMB v3.0, WebDAV
E-mail/I-Fax: SMTP, POP3, I-Fax (Simple, Full)

File Format

Standard: TIFF, JPEG, PDF (Encrypted, Compact,
Searchable, Apply Policy, Optimize for Web,
PDF A/1-b), Encrypted XPS (Compact,
Searchable), Office Open XML (PowerPoint,
Word), Digital Signature (PDF/XPS)
Optional: PDF (Trace & Smooth)

Universal Send Features

Original Type Selection, Two-sided Original, Book to Two Pages, Different-size Originals, Density Adjustment, Sharpness, Copy Ratio, Erase Frame, Job Build, Sender's Name (TTI), Select Line, Direct Send, Delayed Send, Preview, Finished Stamp, Job Done Notice, File Name, Subject/Message, Reply-to, E-mail Priority, TX Report, Original Content Orientation, Skip Blank Originals, Multi Sheet Feed Detection

Fax Specifications (Optional)

Modem Speed

Super G3: 33.6 Kbps
G3: 14.4 Kbps

Compression Method: MH, MR, MMR, JBIG

Resolution (dpi)

400 x 400, 200 x 400, 200 x 200, 200 x 100

Sending/Recording Size: Statement-R to 11" x 17"

Fax Memory: Up to 30,000 Pages

Speed Dials: Max. 200

Group Dials/Destinations: Max. 199 Dials

Sequential Broadcast: Max. 256 Addresses

Memory Backup: Yes

Fax Features

Original Type Selection, Two-sided Original, Book to Two Pages, Different-size Originals, Density for Scanning, Sharpness, Copy Ratio, Erase Frame, Job Build, Specifying the Sender's Name (when sending fax), Sender's Name (TTI), Selecting the Telephone Line (when sending fax), Direct Send, Delayed Send, Preview, Finished Stamp, Job Done Notice, TX Report, Multi Sheet Feed Detection

Store Specifications

Mail Box (Number Supported)

100 User In-boxes, 1 Memory RX In-box, 50 Confidential Fax In-boxes, 30,000 Maximum Pages Stored

Advanced Box

Communication Protocol: SMB or WebDAV
Supported

Client PC: Windows (Windows Vista/7/8/8.1/10)

Concurrent Connections (Max.)

SMB: 64

WebDAV: 3 (Active Sessions)

Advanced Box Available Disc Space

Approx. 16 GB (Standard HDD)

Approx. 480 GB (Optional 1TB HDD)

Advanced Box Features

Disabling Advanced Box, Storage Filtering, Authentication for Advanced Box Log-in, Search Function, Sort Function, Printing a PDF File with a Password, imageWARE Secure Audit Manager Support

Memory Media

Standard: USB

Security Specifications

Authentication

Standard: Universal Login Manager, Cloud Authentication,^{13,14} User Authentication, Department ID Authentication, (Device and Function Level Log-in), Access Management System
Optional: uniFLOW

Data

Standard: Trusted Platform Module (TPM), Hard Disk Password Lock, Hard Disk Drive Erase, Mail Box Password Protection, Hard Disk Drive Encryption (FIPS140-2 Validated)
Optional: Hard Disk Drive Mirroring, Hard Disk Drive removal, IEEE 2600.2 Common Criteria Certification, Data Loss Prevention (Requires uniFLOW)

Network

Standard: Encrypted Secure Print, IP/Mac Address Filtering, IPsec, TLS Encrypted Communication, SNMP V3.0, IEEE 802.1X, IPv6, SMTP Authentication, POP Authentication before SMTP

Document

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

Environmental Specifications

Operating Environment

Temperature: 50 to 86 °F
Humidity: 20 to 80 % RH (no condensation)

Power Requirements

120-127 V AC, 60 Hz, 16 A

Plug (Main Unit)

NEMA 5-20P

Power Consumption

Maximum: Approx. 2.1 KW

Standby: Approx. 239 Wh

Energy Saver

Mode: Approx. 202 Wh

Sleep Mode: Approx. 0.9 W or less¹⁵

Typical Electricity Consumption (TEC) Rating:

iR ADV 8505i II: 10.5 kWh

iR ADV 8595i II: 9.8 kWh

iR ADV 8585i II: 9.0 kWh

Standards

ENERGY STAR® Certified

Rated EPEAT® Gold⁴

EU RoHS Compliant

Ecomark

Consumables

Toner: GPR-37 BLACK TONER

Toner Yield (Estimated @ 6% Coverage): 70,000 Images

¹ Subscription to a third-party cloud service required. Subject to third-party cloud service providers' terms and conditions.

² Requires additional option.

³ Available 2Q 2018.

⁴ For current EPEAT rating (Gold/Silver/Bronze), please visit www.epeat.net.

⁵ Tab paper can be fed from Paper Cassettes (3/4) when the optional Tab Feeding Attachment Kit-BI is installed.

⁶ Some types of tracing paper cannot be used.

⁷ Warm-up time shown for when "Quick Startup Settings for Main Power" is set to "OFF". For significantly faster warm-up set "Quick Startup Settings for Main Power" to "ON".

⁸ Including the toner bottle.

⁹ PDF print from Websites is supported.

¹⁰ EPS can be printed directly only from the Remote User Interface.

¹¹ Requires the optional PCL International Font Set-A1.

¹² Other operating systems and environments including AS/400, UNIX, Linux and Citrix may be supported. Some of these solutions are chargeable. SAP Device Types are available via the SAP Market Place. For more information, contact your sales representative.

¹³ No charge for this solution; however activation is required.

¹⁴ Check for availability.

¹⁵ 0.9 W sleep mode not available in all circumstances due to certain settings.

For detailed specifications and a comprehensive list of optional accessories, see the imageRUNNER ADVANCE 8500 Series Specifications document.

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0218-iRA8500IISRSB-5M-PSF

UFP UNIFIED FIRMWARE PLATFORM



CANON GENUINE TONER, CARTRIDGE & PARTS

