

imageRUNNER ADVANCE 8500 III 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"

8,020-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 using My ADVANCE.
- Supports mobile solutions and integration with many popular cloud services like Google Drive.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.
- Integrates with existing, third-party SIEM* systems to help provide real-time, comprehensive insights into potential threats to the network and printers.
- Technology to verify that the device boot process, firmware, and applications initialize without alteration at startup. McAfee Embedded Control² utilizes a whitelist to protect against malware and tampering of firmware and applications.
- Security policy settings can be controlled with a dedicated password, configured from a central location, and exported to other supported devices.
- Control access to the device and specific features, using a host of flexible authentication methods—PIN code, user name/password, or card access.³



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.

* Security Information and Event Management



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.



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.
- Upgrade to uniFLOW server or cloud-based solutions for full accounting and reporting for compatible Canon and third-party devices, pull printing, job routing, and powerful scan workflows.



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® Gold⁴ (imageRUNNER ADVANCE 8505i III/8595i III).

CONFIGURATION OPTIONS



STAPLE FINISHER-WI 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-XI

- 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 III 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-WI 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-XI

- 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 III 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-NI*

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



MULTI FUNCTION PROFESSIONAL PUNCHER-B1*

- Supports various die sets
- Up to 140 lb. Index
- Supports 12" x 18", 11" x 17", Legal, Letter, Letter-R, and more
- 70,000-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-HI



UTILITY TRAY-B1



PAPER DECK UNIT-EI

- 3,660-sheet capacity
- 14 lb. Bond to 140 lb. Index
- Supports LTR



POD DECK LITE-C1

- 3,660-sheet capacity
- 14 lb. Bond to 140 lb. Index
- Supports up to 13" x 19"
- User adjustable



imagePASS-Y3

- 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-V2 and Booklet Finisher-V2 are not compatible with Document Insertion Unit-J1, Multi Function Professional Puncher-B1, and Paper Folding Unit-J1.

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: 10.1" TFT LCD WSVGA Color Flat-panel
Optional: 10.4" TFT LCD SVGA Color 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)

Optional: NFC, Bluetooth Low Energy

Others

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

Paper Capacity (LTR, 20 lb. Bond)

Standard: 4,360 Sheets
Maximum: 8,020 Sheets

Paper Output Capacity (LTR, 20 lb. Bond)

With External 3,500 Sheets

Finishers (-V2):

With External 4,250 Sheets

Finishers (-X1):

With External 5,000 Sheets

Finishers (-WI PRO):

Finishing Capabilities

With External Finishers: 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-parallel)

Supported Media Types

Paper Drawers (1/2): Thin, Plain, Recycled, Color, Heavy,
Pre-punched, Letterhead, Bond
Paper (1/2): Thin, Plain, Recycled, Color, Heavy,
Cassettes (3/4): Pre-punched, Letterhead, Bond, Tab
Stack Bypass: Thin, Plain, Recycled, Color, Heavy,
Pre-punched, Bond, Transparency,
Labels, Letterhead, Tab, Tracing⁵

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

Supported Media Sizes

Paper Drawers (1/2): Letter
Paper Cassettes (3/4): 13" x 19", 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" x 18", 11" x 17", Legal, Letter,
Letter-R, Executive, Statement-R, Custom
Size (4 x 5-7/8" to 13" x 19-1/4"),
Free Size (4" x 7-1/8" to 13" x 19-1/4")
Pod Deck Lite-C1: 13" x 19", 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")

Paper Deck Unit-E1: Letter

Supported Media Weights

Paper Decks/
Cassettes: 14 lb. Bond to 80 lb. Cover (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 Time

From Power On: Approx. 60 Seconds⁶
From Sleep Mode: Approx. 60 Seconds⁷

Dimensions (W x D x H)

Standard: 26-3/8" x 30-5/8" x 48"
(670 mm x 779 mm x 1,220 mm)

With Optional

Upright 58-3/8" x 30-3/8" x 49-1/4"

Control Panel: (1,481 mm x 770 mm x 1,252 mm)

Installation Space (W x D)

Fully Configured: 162" x 55-1/8" (4,124 mm x 1,400 mm)
(Pod Deck Lite-C1 + Booklet Finisher-WI
Pro + Document Insertion Unit-N1 + Paper
Folding Unit-J1 + Multi Function Professional
Puncher-B1)

Weight

With Standard
Flat Touch Panel: Approx. 520.3 lb. (236 kg)⁸
With Optional
Upright
Control Panel: Approx. 529.1 lb. (240 kg)⁹

Print Specifications

Print Speed

8505i III: Up to 105 ppm (Letter)
Up to 81 ppm (Letter-R)
Up to 63 ppm (Legal)
Up to 53 ppm (11" x 17")
8595i III: Up to 95 ppm (Letter)
Up to 73 ppm (Letter-R)
Up to 60 ppm (Legal)
Up to 49 ppm (11" x 17")
8585i III: 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 III, PCL[®] 6, 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,
Barcode fonts¹²

PS fonts: 136 Roman

Operating System¹³

UFR III: Server 2008/Windows 7/Server 2008 R2/
Server 2012/Windows 8.1/Server 2012 R2/
Windows 10/Server 2016, MAC OS X (10.9
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
(10.9 or later)

Copy Specifications

Copy Speed

8505i III: Up to 105 ppm (Letter)
Up to 81 ppm (Letter-R)
Up to 63 ppm (Legal)
Up to 53 ppm (11" x 17")
8595i III: Up to 95 ppm (Letter)
Up to 73 ppm (Letter-R)
Up to 60 ppm (Legal)
Up to 49 ppm (11" x 17")
8585i III: 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 Copies

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,
Skip Blank Pages, 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,
Custom size [5" x 5-1/2" to 12" x 17" (128 x 139.7 mm to
304.8 mm x 431.8 mm)]

Document Feeder Supported Media Weights

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

CL Original: 17 lb. Bond to 80 lb. Cover
(64 to 220 g/m²)

Platen Acceptable Originals

Sheet, Book, 3-Dimensional Objects [Height: Up to 2"
(50 mm), Weight: up to 4.4 lb. (2 kg)]

Platen Max. Scanning Size

11-3/4" x 17" (297 mm x 431.8 mm)

Pull Scan

Color Network ScanGear2 for both Twain and WIA
Supported OS: Windows 7/8.1/10/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 and 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)

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

Send Specifications

Destination

Email/Internet Fax (SMTP), SMB v3.0, FTP, WebDAV, Mail
Box, Super G3 Fax (Optional), IP Fax (Optional)

Color Mode

Automatic-Color Select (Full Color/Grayscale), Automatic-
Color Select(Full Color/Black-and-White),
Full color, Grayscale, and Black-and-White

Address Book

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

Communication Protocol

File: FTP (TCP/IP), SMB v3.0, WebDAV
Email: SMTP, POP3

File Format

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

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), Delayed Send, Preview, Job Done Notice, File
Name, Subject/Message, Reply-to, Email Priority, TX
Report, Original Content Orientation, Skip Blank Originals,
Multi Sheet Feed Detection

Fax Specifications (Optional)

Maximum Number of Connection Lines

4

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, Sender's Name (TTI), Selecting the Telephone Line, Direct Send, Delayed Send, Preview, 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 7/8.1/10)

Concurrent Connections (Max.):

SMB: 64

WebDAV: 3 (Active Sessions)

Advanced Box Available Disc Space

Approx. 16 GB (Standard HDD)

Approx. 480 GB (Optional 1 TB HDD)

Advanced Box Features

Authentication for Advanced Box Log-in, 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, uniFLOW Online Express,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), Verify System at Startup, McAfee Embedded Control²

Optional: Hard Disk Drive Mirroring, Hard Disk Drive removal, IEEE 2600.2 Common Criteria Certification, Data Loss Prevention (Requires uniFLOW)

Network

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

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 Lock

Environmental Specifications

Operating Environment

Temperature: 50 to 86 °F

Humidity: 20 to 80 % RH (Relative Humidity)

Power Requirements

120-127 V AC, 60 Hz, 16 A

Plug (Main Unit)

NEMA 5-20P

Power Consumption

Maximum: Approx. 2,032 W

Standby: Approx. 239 W¹⁵

Sleep Mode: Approx. 0.9 W or less¹⁶

Typical Electricity Consumption (TEC) Rating:¹⁷

8505i III: 10.5 kWh

8595i III: 9.8 kWh

Standards

ENERGY STAR® Certified: 8505i III/8595i III

Rated EPEAT® Gold⁴: 8505i III/8595i III

Consumables

Toner

GPR-37 Black Toner

Toner Yield (Estimated @ 6% Coverage)

70,000 pages

- ¹ Subscription to a third-party cloud service required. Subject to third-party cloud service provider's terms and conditions.
- ² Requires Unified Firmware Platform v3.9.
- ³ Requires additional option.
- ⁴ For current EPEAT rating (Gold/Silver/Bronze), please visit www.epeat.net.
- ⁵ Some types of tracing paper cannot be used.
- ⁶ Time from device power-on, until copy ready (not print reservation).
- ⁷ Time from exiting Sleep mode to when printing is operational.
- 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 Requires optional Barcode Printing Kit-D1.
- ¹³ 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.
- ¹⁴ No charge for this solution; however activation is required.
- ¹⁵ Standby Reference Value: measured one unit.
- ¹⁶ 0.9 W sleep mode may not be possible in all circumstances due to certain settings.
- ¹⁷ Based on ENERGY STAR Product Specification for Imaging Equipment Version 3.0.

For detailed specifications and a comprehensive list of optional accessories, see the [imageRUNNER ADVANCE 8500i III Series Specifications document](#).

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