

## 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"

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 using My ADVANCE.
- Supports mobile solutions and integration with many popular cloud services like Google Drive.<sup>1</sup>
- 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 Security Information and Event Management (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 alterations or tampering.
- 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.<sup>2</sup>



### 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



## 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® Gold.<sup>3</sup>

## 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-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-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: 4,200 Sheets  
Maximum: 7,700 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,  
(1/2): Pre-punched, Letterhead, Bond  
Paper 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, Tracing<sup>4</sup>

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/m<sup>2</sup>)  
Stack Bypass: 14 lb. Bond to 140 lb. Index (52 to 256 g/m<sup>2</sup>)  
Duplexing: 14 lb. Bond to 80 lb. Cover (52 to 220 g/m<sup>2</sup>)

### Warm-up Time

From Power On: Approx. 60 Seconds<sup>5</sup>  
From Sleep Mode: Approx. 60 Seconds<sup>5</sup>

### 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-W1  
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)<sup>7</sup>  
With Optional  
Upright  
Control Panel: Approx. 529.1 lb. (240 kg)<sup>7</sup>

## 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<sup>®</sup>6, Adobe<sup>®</sup> PS<sup>®</sup> 3

### Direct Print

Available from USB, Advanced Box, Remote UI, and  
Web Access<sup>8</sup>

### Supported File Types

PDF, TIFF, JPEG, EPS,<sup>9</sup> 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)<sup>10</sup>,  
Barcode fonts<sup>11</sup>

PS fonts: 136 Roman

### Operating System<sup>12</sup>

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/m<sup>2</sup>)

CL Original: 17 lb. Bond to 80 lb. Cover  
(64 to 220 g/m<sup>2</sup>)

### 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,<sup>13</sup> 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

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 W<sup>14</sup>

Sleep Mode: Approx. 0.9 W or less<sup>15</sup>

Typical Electricity Consumption (TEC) Rating:

8505i III: 10.5 kWh

8595i III: 9.8 kWh

8585i III: 9.0 kWh

### Standards

ENERGY STAR® Certified

Rated EPEAT® Gold<sup>16</sup>

Ecomark

## Consumables

### Toner

GPR-37 Black Toner

**Toner Yield (Estimated @ 6% Coverage)**

70,000 pages

<sup>1</sup> Subscription to a third-party cloud service required. Subject to third-party cloud service provider's terms and conditions.

<sup>2</sup> Requires additional option.

<sup>3</sup> For current EPEAT rating (Gold/Silver/Bronze), please visit [www.epeat.net](http://www.epeat.net).

<sup>4</sup> Some types of tracing paper cannot be used.

<sup>5</sup> Time from device power-on, until copy ready (not print reservation).

<sup>6</sup> Time from exiting Sleep mode to when printing is operational.

<sup>7</sup> Including the toner bottle.

<sup>8</sup> PDF print from websites is supported.

<sup>9</sup> EPS can be printed directly only from the Remote User Interface.

<sup>10</sup> Requires the optional PCL International Font Set-A1.

<sup>11</sup> Requires optional Barcode Printing Kit-D1.

<sup>12</sup> 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.

<sup>13</sup> No charge for this solution; however activation is required.

<sup>14</sup> Standby Reference Value: measured one unit.

<sup>15</sup> 0.9 W sleep mode may not be possible in all circumstances due to certain settings.

<sup>16</sup> For current EPEAT rating (Gold/Silver/Bronze), please visit [www.epeat.net](http://www.epeat.net).

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