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 Control[2] 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® Gold[4] (imageRUNNER ADVANCE 8505i III/8595i III).

CONFIGURATION OPTIONS

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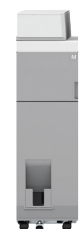- Supports optional internal 2/3-hole puncher (2/3 Hole Puncher Unit-A1)

DOCUMENT INSERTION UNIT-N1*
- 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

UPRIGHT CONTROL PANEL-H1

UTILITY TRAY-B1

PAPER DECK UNIT-E1
- 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

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 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)

PAPER FOLDING UNIT-J1*
- Z-fold, C-fold, Half-fold, Accordion Z-fold, Double-parallel Fold

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 Finishers (-V2): 3,500 Sheets
With External Finishers (-X1): 4,250 Sheets
With External Finishers (-W1 PRO): 5,000 Sheets
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 Cassettes (3/4): Thin, Plain, Recycled, Color, Heavy, Pre-punched, Letterhead, Bond, Tab
Stack Bypass: Thin, Plain, Recycled, Color, Heavy, Pre-punched, Bond, Transparency, Labels, Letterhead, Tab, Tracing[5]
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 Seconds[6]
From Sleep Mode: Approx. 60 Seconds[7]
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 Control Panel: 58-3/8" x 30-3/8" x 49-1/4" (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)[8]
With Optional Upright Control Panel: Approx. 529.1 lb. (240 kg)[8]

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 Access[9]
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 fonts[12]
PS fonts: 136 Roman
Operating System[13]
UFRIII: 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 Control[2]
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 ºF
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[15]
Sleep Mode: Approx. 0.9 W or less[16]
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® Gold[4]: 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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Canon
SEE IMPOSSIBLE

McAfee PROTECTED

CANON GENUINE
TONER, CARTRIDGE & PARTS

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