HIGH PERFORMANCE, INTUITIVE USABILITY, VERSATILE FINISHING

The imageRUNNER ADVANCE 8500 Series is designed to deliver high performance and quality black-and-white output for high volume office environments and central reprographics departments (CRDs). These intelligent systems can help enhance productivity with versatile finishing options while maintaining an intuitive user experience.

Print up to 105 ppm in black and white

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

Print up to 13" × 19"

7,700-sheet maximum paper capacity

Workflow Efficiency

- An intuitive user interface with a large, responsive color touchscreen helps make carrying out tasks easy.
- Scalable support for mobile and flexible work styles can increase efficiency by allowing workers to capture or print documents and access certain cloud applications on the go.
- My ADVANCE enables a unique, personal experience, creating a customized user experience tailored to meet each user's workflow needs.
- Scan and convert documents to Searchable PDF, Microsoft® Word, and Microsoft® PowerPoint® files through a single-pass, duplexing document feeder that holds up to 300 originals.
- Canon's MEAP platform supports a range of integrated solutions designed to simplify workflow and help provide a holistic business solution.
- Create professional-looking reports, booklets, newsletters, manuals, proposals, and contracts with flexible finishing options such as professional punching, folding, document insertion, and booklet-making.
- The optional imagePASS print controller, an outstanding choice for busy operations, provides robust processing capabilities, variable data printing (VDP), and a print production workflow.

Security

- Control who has access to the device with authentication by using the standard Universal Login Manager application.
- Help prevent unauthorized distribution of sensitive information with an array of standard and optional document security features.
- Help facilitate information privacy and security by controlling access with IPsec, port filtering capabilities, and SSL technology.

Cost Management

- The ability to apply print policies, monitor output, and restrict usage by user helps reduce unnecessary printing, enables cost recovery, and can help save money on paper and toner.
- Tight integration with output management solutions, such as uniFLOW, provides the ability to carry out detailed tracking, reporting, and cost analysis.
- Quality and reliability, combined with remote diagnostics and assistance, contribute to maximizing uptime and can help reduce time spent by IT resolving issues.
- Consistent user operation, combined with remote and centralized fleet management, can help simplify IT management of devices and entire fleets.

Device and Fleet Management

- The ability to pre-configure devices makes installation easy and fleet management is simplified with the ability to synchronize settings across multiple devices.
- Canon's device management tools give you a centralized point of control across your entire fleet, including the ability to check device status and consumables, turn off devices remotely, capture meter readings, as well as manage address books and printer drivers.
- Standard Genuine Adobe® PostScript® and PCL® support integration with enterprise applications and legacy systems to help streamline business processes.
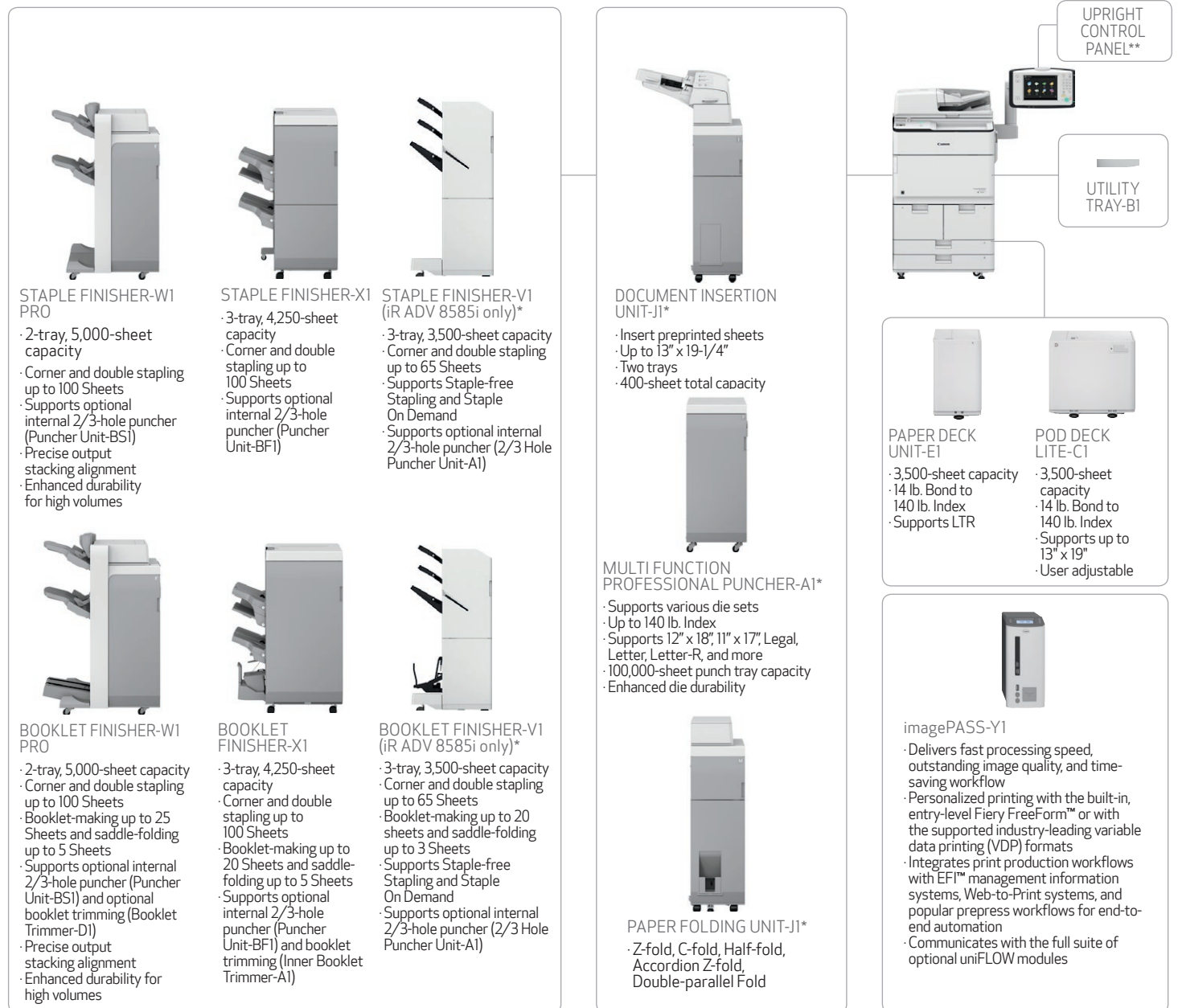
Quality and Reliability

- Canon's signature reliability and engine technologies contribute to consistent high-quality output to help meet the needs of busy offices and Central Reprographics Departments (CRDs)/In-plant Printers.
- Outstanding imaging technologies and toner allow for consistently striking images in rich black-and-white tones and 1200-dpi print resolution.
- Designed to achieve maximum uptime with status notifications to help keep supplies replenished, intuitive user maintenance videos, the ability to replace toner on the fly, and automatic job rerouting (with optional solutions).

Sustainability

- Fusing technologies, pO toner, and innovative sleep mode features help lower overall energy consumption.
- Help minimize waste with default two-sided printing, Secure Printing, and the ability to hold print jobs, preview them and change print settings at the device, helping to achieve the results you want the first time.
- ENERGY STAR® certified and rated EPEAT® Gold.

Configuration

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-V1 (iR ADV 8585i 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-J1*
- Insert preprinted sheets
- Up to 13" x 19-1/4"
- Two trays
- 400-sheet total capacity

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

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

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-V1 (iR ADV 8585i 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-Y1
- 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 and 8595i models. The imageRUNNER ADVANCE 8585i comes standard with a flat control panel. An optional upright control panel is available.

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:	10.1" TFT LCD WSVGA Color Flat-panel
Standard for iR ADV 8595i, 8505i:	10.4" TFT LCD SVGA Color Upright-panel
Optional for iR ADV 8585i:	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)
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 (-W1 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 Cassettes (3/4):	Thin, Plain, Recycled, Color, Heavy, Pre-punched, Letterhead, Bond, Tab[1]
Stack Bypass:	Thin, Plain, Recycled, Color, Heavy, Pre-punched, Bond, Transparency, Labels, Letterhead, Tab, Tracing[2]
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", 12-5/8" 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 (4 x 5-7/8" 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")
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[3]
From Power On:	60 Seconds or Less
From Sleep Mode:	60 Seconds or Less

Dimensions (W x D x H)
iR ADV 8585i:	26-3/8" x 30-5/8" x 48" (670 mm x 779 mm x 1220 mm)
iR ADV 8595i/8505i:	58-3/8" x 30-3/8" x 49-1/4" (1481mm x 770 mm x 1252 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-W1 PRO + DOCUMENT INSERTION UNIT-N1 + PAPER FOLDING UNIT-J1 + BOOKLET TRIMMER-D1):

Weight
iR ADV 8585i:	Approx. 520.3 lb. (237 kg)[4]
iR ADV 8595i/8505i:	Approx. 529.1 lb. (240 kg)[4]

Print Specifications

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

Print Resolution
1200 dpi x 1200 dpi, 600 dpi x 600 dpi

Standard Page Description Languages
UFR II, PCL6, Adobe PS 3

Direct Print
Available from USB, Advanced Box, Remote UI, and Web Access[5]

Supported File Types
PDF, TIFF, JPEG, EPS,[6] 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)[7]
PS fonts:	136 Roman

Operating System[8]
UFRII:	Server 2003/Server 2003 R2Vista/Server 2008/Windows 7/Server 2008 R2/Windows 8/Server 2012/Windows 8.1/Server 2012 R2/Windows 10, MAC OS X (10.5.8 or later)
PCL:	Server 2003/Server 2003 R2Vista/Server 2008/Windows 7/Server 2008 R2/Windows 8/Server 2012/Windows 8.1/Server 2012 R2/Windows 10
PS:	Server 2003/Server 2003 R2Vista/Server 2008/Windows 7/Server 2008 R2/Windows 8/Server 2012/Windows 8.1/Server 2012 R2/Windows 10, MAC OS X (10.5.8 or later)

Copy Specifications

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

First-Copy-Out Time
As Fast as 2.7 Seconds

Copy Resolution
Reading:	600 dpi x 600 dpi
Printing:	1200 dpi x 1200 dpi

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, Detect Feeder Multi Sheet Feed, 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)
CL Original:	17 lb. Bond to 80 lb. Cover (64 to 220 g/m2)

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

Pull Scan
Color Network ScanGear2 for both Twain and WIA
Supported OS:	Windows Vista/7/8/8.1/10/Windows Server 2003/Server 2003 R2/Server 2008/Server 2008 R2/Server 2012/Server 2012 R2

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

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)
Single-sided Scanning (Color):	120 ipm (300 dpi)/60 ipm (600 dpi)
Double-sided Scanning (BW):	240 ipm (300 dpi)/150 ipm (600 dpi)
Double-sided Scanning (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
600 x 600 dpi, 400 x 400 dpi, 300 x 300 dpi, 200 x 400 dpi, 200 x 200 dpi,200 x 100 dpi, 150 x 150 dpi, 100 x 100dpi
Communication Protocol
File: FTP, SMB, WebDAV
E-mail/I-Fax: SMTP, POP3, I-Fax (Simple, Full)
File Format
Standard: TIFF, JPEG, PDF (Compact, Searchable, Apply policy, Optimize for Web, PDF A/1-b), XPS (Compact, Searchable), Office Open XML (PowerPoint, Word)
Optional: PDF (Trace & Smooth, Encrypted), PDF/XPS (Digital 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), 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, Detect Feeder Multi Sheet Feed.

Fax Specifications (Optional)

Modem Speed
Super G3:   33.6 kbps
G3:   14.4 kbps
Compression Method
MH, MR, MMR, JBIG
Resolution
400 x 400 dpi, 200 x 400 dpi, 200 x 200 dpi, 200 x 100 dpi
Sending/Recording Size
Statement-R to 11" x 17
Fax Memory
Up to 6,000 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, Detect Feeder Multi Sheet Feed.

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, 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: IP/Mac Address Filtering, IPsec, TLS Encrypted Communication, SNMP V3.0, IEEE 802.1X, IPv6, SMTP Authentication, POP Authentication before SMTP
Document
Standard: Secure Print, Adobe LiveCycle® Rights Management ES2.5 Integration
Optional: Encrypted PDF, Encrypted Secure Print, User and Device signatures, Secure Watermarks, Document Scan locking

Environmental Specifications

Operating Environment
Temperature: 50 to 86 ºF
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 less[9]
Typical Electricity Consumption (TEC) Rating: 9.0 kWh (iR ADV 8585i)
9.8 kWh (iR ADV 8595i)
10.5 kWh (iR ADV 8505i)
Standards
ENERGY STAR® Certified
Rated EPEAT® Gold[10]
EU RoHS Compliant
Ecomark

Consumables

Toner
GPR-37 BLACK TONER
Toner Yield (Estimated @ 6% Coverage)
70,000 Images

Footnotes

[1] Tab paper can be fed from Paper Cassettes (3/4) when the optional Tab Feeding Attachment Kit-B1 is installed.

[2] Some types of tracing paper cannot be used.

[3] 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".

[4] Including the toner bottle.

[5] PDF print from Websites is supported.

[6] EPS can be printed directly only from the Remote User Interface.

[7] Requires the optional PCL International Font Set-A1.

[8] 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.

[9] 0.9 W sleep mode not available in all circumstances due to certain settings.

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

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

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0116-iRA8500SRSB-PDF-IH

CANON
GENUINE
TONER, CARTRIDGE & PARTS

Canon
SEE IMPOSSIBLE