

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.

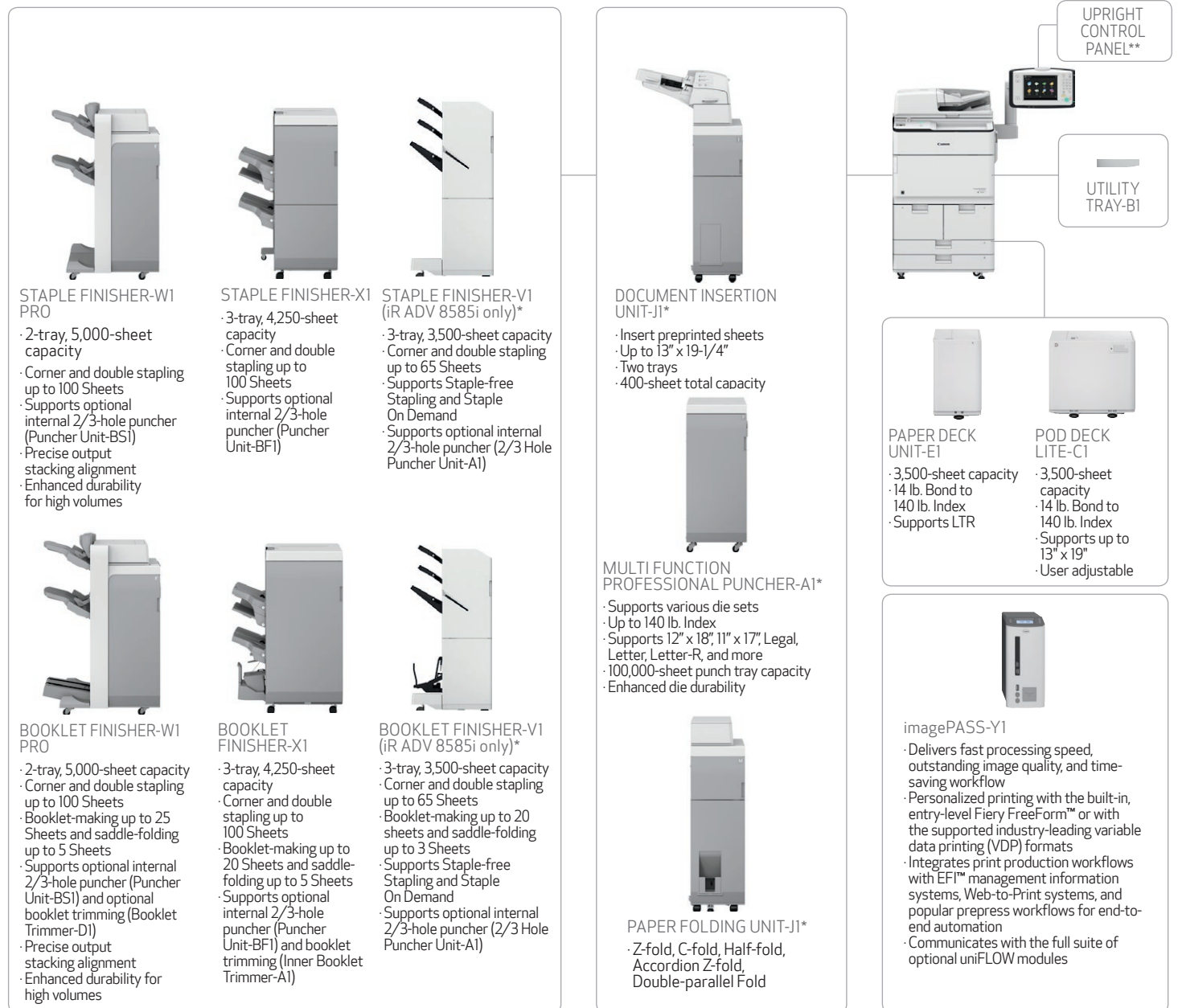
Quality and Reliability

- 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-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 (-VI): 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, Tab¹

Stack Bypass: Thin, Plain, Recycled, Color, Heavy, Pre-punched, Bond, Transparency, Labels, Letterhead, Tab, Tracing²

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 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/ 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 Time³

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 Access⁵

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 System⁸

UFR II: 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 2008/Windows 7/Server 2008 R2/Windows 8/Server 2012/Windows 8.1/Server 2012 R2/Windows 10

PS: 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 cloud-based services depending on your requirements.

Scan Speed (Letter)

Single-sided 120 ipm (300 dpi)/120 ipm (600 dpi)

Scanning (BW):

Single-sided 120 ipm (300 dpi)/60 ipm (600 dpi)

Scanning

(Color):

Double-sided 240 ipm (300 dpi)/150 ipm (600 dpi)

Scanning (BW):

Double-sided 220 ipm (300 dpi)/60 ipm (600 dpi)

Scanning

(Color):

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

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 °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 less⁹
Typical: 9.0 kWh (iR ADV 8585i)
Electricity: 9.8 kWh (iR ADV 8595i)
Consumption (TEC) Rating: 10.5 kWh (iR ADV 8505i)

Standards

ENERGY STAR® Certified
Rated EPEAT® Gold¹⁰
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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