

## imageRUNNER ADVANCE DX 4900 Series

Black-and-white  
Mid-volume  
Multifunction

Print up to 45 ppm (BW)

Scan up to 270 ipm (300 dpi) (BW/color, duplex)

Print up to 12" × 18"

3,650-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

- A large, 10.1" responsive and intuitive touchscreen with smartphone-like usability, making operation clear and virtually seamless.
- Consistent interface across the imageRUNNER ADVANCE DX product line, allowing work to proceed effortlessly and with a minimal learning curve.
- A unique, customized experience that can be 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 SIEM\*<sup>2</sup> 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 setup. Includes automatic recovery of boot process for self resiliency.
- McAfee Embedded Control<sup>3</sup> utilizes whitelisting to help protect against malware and tampering of firmware and applications.
- Security settings can be established at once by selecting the environment type in Recommended Security Settings. Security policy settings can be 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.<sup>4</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 that help keep supplies replenished and intuitive maintenance videos for consumables replacement.
- imageRUNNER ADVANCE models have received many awards and recognition from leading industry analysts, often referencing strong reliability. This includes the 2022-2024 BLI Most Reliable A3 Brand Award from Keypoint Intelligence.



## 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.

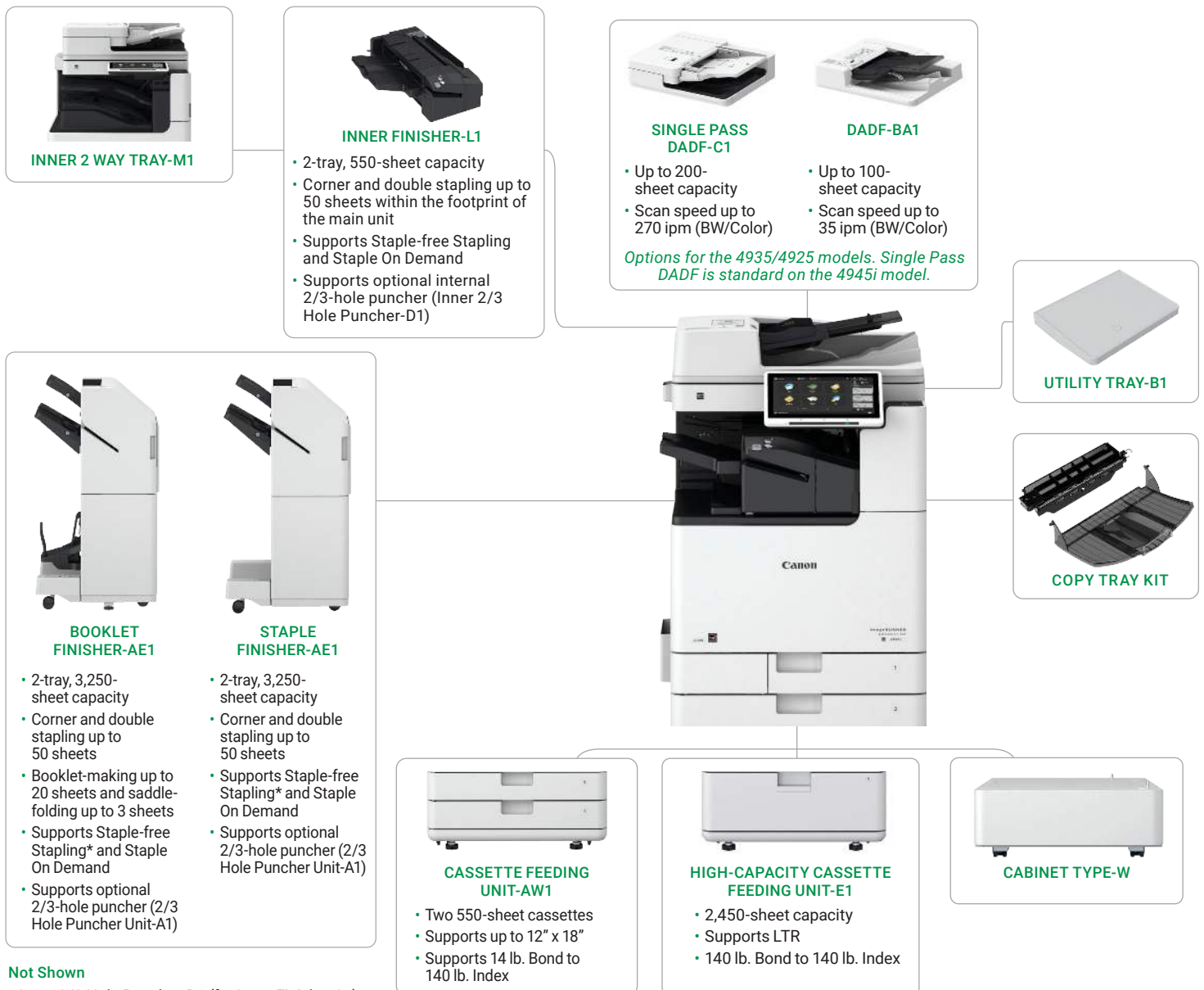


## SUSTAINABILITY

- A combination of fusing technologies and lower-melting-point toner minimizes power requirements and helps achieve low energy consumption.
- Environmentally friendly packaging utilizes 100% recyclable cardboard.
- Drum covers are constructed of regrind plastic, lowering environmental impact.
- ENERGY STAR® certified and rated EPEAT® Gold.<sup>5</sup>

## CONFIGURATION OPTIONS

## imageRUNNER ADVANCE DX 4900 Series



### Not Shown

- Inner 2/3 Hole Puncher-D1 (for Inner Finisher-L1)
- 2/3 Hole Puncher Unit-A1 (for External Finishers)
- Platen Cover Type-Y3

\* Staple-Free stapling, up to 5 pages of 17 lb. Bond.

## Main Unit

### Type

Monochrome Laser Multifunctional

### Core Functions

Standard: Print, Copy, Scan, Send, Store  
Optional: Fax

### Processor

1.8 GHz Dual Core Processor

### Control Panel

10.1" TFT LCD WSVGA Color Touch-panel

### Memory

3.5 GB RAM

### Solid State Drive

Standard: 256 GB  
Maximum: 1 TB

### Print Resolution

1200 dpi x 1200 dpi

### Interface Connection

#### Network

Standard: 1000Base-T/100Base-TX/10Base-T  
Optional: Wireless LAN (IEEE 802.11 b/g/n)

#### Others

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

### Paper Capacity (LTR, 20 lb. Bond)

Standard: 1,200 Sheets  
Maximum: 3,650 Sheets

### Paper Sources (LTR, 20 lb. Bond)

Standard: Two 550-sheet Paper Cassettes,  
100-sheet Stack Bypass  
Optional: High-Capacity Cassette Feeding Unit-E1  
(2,450 sheets)

### Paper Output Capacity (LTR, 20 lb. Bond)

Standard: 250 Sheets  
Maximum: 3,450 Sheets (with Staple Finisher-AE1 or  
Booklet Finisher-AE1 and Copy Tray-T2)

### Finishing Capabilities

Standard: Collate, Group  
With Finishers: Collate, Group, Offset, Staple,  
Saddle-Stitch, Hole Punch, Staple-Free  
Stapling, Staple On Demand

### Supported Media Types

Upper Thin, Plain, Heavy, Recycled, Color, Bond,  
Cassette: Pre-punched, Letterhead, Envelope  
Multi-purpose Thin, Plain, Heavy, Recycled, Coated,  
Tray: Color, Tracing, Bond, Label, Pre-punched,  
Letterhead, Envelope

### Supported Media Sizes

Upper Standard size: Letter, Executive,  
Cassette: Statement-R  
Custom Size: 4-1/8" x 5-7/8" to 11-3/4" x  
8-1/2" (105.0 mm x 148.0 mm to 297.0 mm  
x 215.9 mm)  
Envelopes: ISO-C5  
Lower Standard size: 12" x 18", 11" x 17", Legal,  
Cassette: Letter, Letter-R, Executive, Statement-R  
Custom Size: 4-1/8" x 5-7/8" to 12" x 18"  
(105.0 mm x 148.0 mm to 304.8 mm x  
457.2 mm)  
Envelopes<sup>6</sup>: COM10 No.10, Monarch, DL  
Multi-purpose Standard size: 12"x18", 11"x17", Legal,  
Tray: Letter, Letter-R, Executive, Statement,  
Statement-R  
Custom size: 3-7/8" x 5-1/2" to 12-5/8" x  
18" (98.4 mm x 139.7 mm to 320.0 mm x  
457.2 mm)  
Free size: 4" x 5-7/8" to 12" x 18" (100.0 mm x  
148.0 mm to 304.8 mm x 457.2 mm)  
Envelopes: COM10 No.10, Monarch,  
ISO-C5, DL  
Envelope custom size: 3-7/8" x 3-7/8" to  
12-5/8" x 18" (98.0 mm x 98.0 mm to 320.0  
mm x 457.2 mm)

### Supported Media Weights

Upper/Lower  
Cassette: 14 lb. Bond to 140 lb. Index (52 to 256 g/m<sup>2</sup>)  
Multi-purpose  
Tray: 14 lb. Bond to 110 lb. Cover (52 to 300 g/m<sup>2</sup>)  
Duplexing: 14 lb. Bond to 80 lb. Cover (52 to 220 g/m<sup>2</sup>)

### Print/Copy Speed (One-sided)

4945i: Up to 45 ppm (Letter), Up to 22 ppm  
(Legal/11"x17"), Up to 32 ppm (Letter-R)  
4935i: Up to 35 ppm (Letter), Up to 17 ppm  
(Legal/11"x17"), Up to 23 ppm (Letter-R)  
4925i: Up to 25 ppm (Letter), Up to 15 ppm  
(Legal/11"x17"), Up to 20 ppm

### Warm-up Time

From Power On: Approx. 10 Seconds or Less<sup>7</sup>  
From Sleep  
Mode: Approx. 10 Seconds<sup>8</sup>  
Quick Startup  
Mode: Approx. 4 Seconds<sup>9</sup>

### Dimensions (W x D x H)

With Platen Cover-Y3: 22-1/4" x 27-1/4" x 31"  
(565 mm x 692 mm x 788 mm)  
With Single Pass DADF-C1: 22-1/4" x 28-1/2" x 35-3/8"  
(565 mm x 722 mm x 897 mm)  
With DADF-BA1: 22-1/4" x 28-3/8" x 35-1/8"  
(565 mm x 719 mm x 891 mm)

### Installation Space (W x D)

Basic: 38-1/2" x 44-1/8" (978 mm x 1119 mm)  
(with Single Pass DADF-C1 + right door and  
multipurpose tray opened + paper cassette  
opened)  
38-1/2" x 45" (978 mm x 1116 mm) (with  
DADF-BA1 + right door and multipurpose tray  
opened + paper cassette open)  
Fully 65" x 44-1/8" (1651 mm x 1119 mm)  
Configured: (with Single Pass DADF-C1 + Staple  
Finisher-AE1/Booklet Finisher-AE1 +  
Copy Tray-T2 extended + paper cassette  
open) 1651 mm x 1116 mm (with DADF-BA1  
+ Staple Finisher-AE1/Booklet Finisher-AE1  
+ Copy Tray-T2 extended + paper  
cassette open)

### Weight<sup>10</sup>

With Platen Cover-Y3: Approx. 134.5 lb. (61 kg)  
With Single Pass DADF-C1: Approx. 163.1 lb. (74 kg)  
With DADF-BA1: Approx. 149.9 lb. (68 kg)

## Print Specifications

### Standard Page Description Languages

UFR II, PCL<sup>®</sup>6, Adobe<sup>®</sup> PS<sup>®</sup> 3

### Supported File Types for Direct Print

PDF, TIFF, JPEG, EPS, XPS

### Printing from Mobile Devices and Cloud-based Services

A range of standard and optional software and MEAP-based solutions (including AirPrint, Mopria, Universal Print by Microsoft<sup>®</sup>, Canon PRINT Business, and uniFLOW Online) are available to provide printing from mobile devices or internet-connected devices and cloud-based services depending on your requirements. Please contact your sales representative for further information.

### Fonts

PCL: 93 Roman, 10 Bitmap fonts, 2 OCR fonts,  
Andalé Mono WT J/K/S/T (Japanese,  
Korean, Simplified and Traditional  
Chinese),<sup>11</sup> Barcode Fonts<sup>12</sup>  
PS: 136 Roman

### Operating System<sup>13</sup>

UFR II: Windows<sup>®</sup> 8.1/10/11/Server2012/  
Server2012 R2/Server2016/Server2019/  
Server2022, Mac OS X (10.11 or later)  
PCL: Windows<sup>®</sup> 8.1/10/11/Server2012/  
Server2012 R2/Server2016/Server2019/  
Server2022  
PS: Windows<sup>®</sup> 8.1/10/11/Server2012/  
Server2012 R2/Server2016/Server2019/  
Server2022, Mac OS X (10.11 or later)  
PPD: Windows<sup>®</sup> 8.1/10/11, Mac OS X (10.11  
or later) As of Jan. 2022

## Copy Specifications

### First-Copy-Out Time (Letter)

4945i: As fast as 4.6 seconds  
4935i: As fast as 5.5 seconds  
4925i: As fast as 6.1 seconds

### Copy Resolution (dpi)

600 x 600

### Multiple Copies

Up to 9,999 Copies

### Copy Exposure

Automatic or Manual (9 Levels)

### Magnification

25%-400% (1% Increments)

### Preset Reduction/Enlargement

25%, 50%, 64%, 73%, 78%, 100% (1:1), 121%, 129%,  
200%, 400%

## Scan Specifications

### Type

Standard: Color Platen  
Optional: Platen Cover-Y3, Single Pass DADF-C1<sup>14</sup> or DADF-  
BA1 [2-sided to 2-sided (Automatic with DADF)]

### Document Feeder Paper Capacity

Single Pass DADF: Up to 200 Sheets  
DADF: Up to 100 Sheets

### Document Feeder Supported Media Sizes

11" x 17", Legal, Letter, Letter-R, Statement, Statement-R

### Document Feeder Supported Media Weights

Single Pass DADF-C1  
Single-sided 13.3 lb. Bond to 80 lb. Cover  
Scanning: (50 to 220 g/m<sup>2</sup>)  
Double-sided 13.3 lb. Bond to 80 lb. Cover (50 to 220  
Scanning: g/m<sup>2</sup>)  
DADF-BA1  
Single-sided 13.3 lb. Bond to 34 lb. Bond (50 to 128  
g/m<sup>2</sup>) (BW), 17 lb. Bond to 34 lb. Bond  
(64 to 128 g/m<sup>2</sup>) (CL)  
Double-sided 13.3 lb. Bond to 34 lb. Bond (50 to 128  
Scanning: g/m<sup>2</sup>) (BW), 17 lb. Bond to 34 lb. Bond  
(64 to 128 g/m<sup>2</sup>) (CL)

### Platen Acceptable Originals

Sheet, Book, 3-Dimensional Objects

### Platen Supported Media Size

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

### Pull Scan

Color Network ScanGear2 for both Twain and WIA  
Supported OS: Windows<sup>®</sup> 8.1/10/11/Server2012/Server2012  
R2/Server 2016/Server 2019/Server 2022

### Scan Resolution (dpi)

Push: Up to 600 x 600  
Pull: Up to 600 x 600

### Scan to Mobile Devices and Cloud-based Services

A range of solutions is available to provide scanning to mobile devices and cloud-based services depending on your requirements.

### Scan Speed (Letter)

Single Pass DADF-C1  
Single-sided Scanning  
BW/Color: 135/135 (300 x 300 dpi, send),  
80/80 (600 x 600 dpi, copy)  
Double-sided Scanning  
BW/Color: 270/270 (300 x 300 dpi, send),  
160/160 (600 x 600 dpi, copy)  
DADF-BA1  
Single-sided Scanning  
BW/Color: 70/70 (300 x 300 dpi, send),  
51/51 (600 x 600 dpi, copy)  
Double-sided Scanning  
BW/Color: 35/35 (300 x 300 dpi, send),  
25.5/25.5 (600 x 600 dpi, copy)

**Send Specifications**

**Destination**  
 Standard: Email/Internet FAX (SMTP), SMB 3.1.1, FTP, WebDAV, Mail Box  
 Optional: Super G3 FAX, IP Fax  
 Super G3 Fax, IP Fax

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

**Send Resolution (dpi)**  
 Push: Up to 600 x 600  
 Pull: Up to 600 x 600

**Communication Protocol**  
 File: FTP (TCP/IP), SMB3.1.1 (TCP/IP), WebDAV  
 Email/Fax: SMTP (Send), POP3 (Receive)

**File Format**  
 TIFF (MMR), JPEG<sup>15</sup>, PDF (Compact, OCR (Text Searchable), Optimize PDF for Web, Format to PDF/A-1b, Trace & Smooth, Encrypt), XPS (Compact), PDF/XPS (Device Signature, User Signature), Office Open XML (PowerPoint, Word)

**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 (2,000 Jobs)

**Speed Dials**  
 Max. 200

**Group Dials/Destinations**  
 Max. 199 Dials

**Sequential Broadcast**  
 Max. 256 Addresses

**Memory Backup**  
 Yes

**Store Specifications**

**Mail Box (Number Supported)**  
 100 User Inboxes, 1 Memory RX Inbox, 50 Confidential Fax Inboxes, Maximum 30,000 Pages (2,000 Jobs) Stored

**Advanced Box**  
 Communication Protocol: SMB or WebDAV Supported  
 Client PC: Windows (Windows 10/11)  
 Concurrent Connections (Max.):  
 SMB: 64  
 WebDAV: 3 (Active Sessions)

**Advanced Box Available Disk Space**  
 Approx. 16 GB (Standard HDD)  
 Approx. 480 GB (With Optional 1 TB HDD)

**Memory Media**  
 Standard: USB

**Security Specifications**

**Authentication**  
 Standard: Universal Login Manager, uniFLOW Online Express,<sup>16</sup> User Authentication, Department ID Authentication, Access Management System, Device and Function Level Log-in  
 Optional: uniFLOW

**Data**  
 Standard: Protecting SSD Data [SSD Data Encryption (FIPS140-2 Validated), SSD Lock], Standard SSD Initialize, Trusted Platform Module (TPM), Job Log Conceal Function, Protecting MFP Software Integrity, Checking MFD Software Integrity (Verify System at Startup, Automatic Recovery, Runtime Intrusion Detection), Common Criteria Certification (HCD-PP) (pending confirmation)<sup>3</sup>  
 Optional: Hard Disk Drive Mirroring, IEEE 2600.2 Common Criteria Certification, Data Loss Prevention (Requires uniFLOW)

**Network**  
 Standard: TLS 1.3, IPSec, IEEE802.1X authentication, SNMP V3.0, Firewall Functionality (IP/MAC Address Filtering), Dual Network Support, Disabling Unused Functions (Enabling/Disabling Protocols/Applications, Enabling/Disabling Remote UI, Enabling/Disabling USB Interface), Communication Line Separation (G3 FAX, USB Port, Advanced Space, Scan and Send -Virus Concerns for Email Reception)  
 Optional: WPA3 support (Wi-Fi), (Wired LAN/ Wireless LAN, Wired LAN/Wired LAN)

**Document**  
 Standard: Secure Watermark, Secure Print, Forced Hold Printing, Adobe LiveCycle<sup>®</sup> Rights Management ES2.5 Integration, Encrypted PDF, Encrypted Secure Print, Device Signature, User Signature

**Environmental Specifications**

**Operating Environment**  
 Temperature: 50 to 86 °F  
 Humidity: 20 to 80% RH (Relative Humidity)

**Power Requirements**  
 110 - 127 V 60 Hz, 8.5 A

**Power Consumption**  
 Maximum: Approx. 1,500 W  
 Copying (with DADF continuous scan): Approx. 649 W (110 - 127 V)

**Sleep Mode:** Approx. 0.8 W<sup>17</sup>  
**Typical Electricity Consumption (TEC) Rating<sup>18</sup>**  
 4945i: 0.45 kWh  
 4935i: 0.34 kWh  
 4925i: 0.24 kWh

**Standards**  
 ENERGY STAR<sup>®</sup> Certified  
 Rated EPEAT<sup>®</sup> Gold<sup>5</sup>

**Consumables**

**Toner**  
 GPR-67 Toner BK

**Toner Yield (Estimated @ 6% Coverage)**  
 Black: 44,500 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> Third-party SIEM system required. Subject to third-party SIEM system's Terms and Conditions. Canon cannot ensure compatibility with all third-party SIEM systems.
- <sup>3</sup> This feature is off by default and must be turned on by the user. Warm-up times are affected once turned on.
- <sup>4</sup> Requires additional option.
- <sup>5</sup> For current EPEAT rating (Gold/Silver/Bronze), please visit [www.epeat.net](http://www.epeat.net).
- <sup>6</sup> Envelope Attachment A (standard) is required.
- <sup>7</sup> Time from device power-on until copy ready (not print reservation).
- <sup>8</sup> Time from exiting Sleep mode to when printing is operational.
- <sup>9</sup> Time from device power on to when the copy icon appears and is enabled to operate on the touch panel display.
- <sup>10</sup> Includes toner.
- <sup>11</sup> Requires the optional PCL International Font Set-A1.
- <sup>12</sup> Requires the optional Barcode Printer Kit-D1.
- <sup>13</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>14</sup> Detect Feeder Multi Sheet Feed is supported.
- <sup>15</sup> Single-Page only.
- <sup>16</sup> No charge for this solution; however, activation is required.
- <sup>17</sup> 0.8 W Sleep mode not available in all circumstances due to certain settings.
- <sup>18</sup> Based on ENERGY STAR Product Specification for Imaging Equipment Version 3.0.

AirPrint and the AirPrint logo are trademarks of Apple Inc. Canon, imageRUNNER, imagePASS, and the GENUINE logo are registered trademarks or trademarks of Canon Inc. in the United States and may also be registered trademarks or trademarks in other countries. Canon products offer certain security features, yet many variables can impact the security of your devices and data. Canon does not warrant that use of its features will prevent security issues. Some security features may impact functionality/performance; you may want to test these settings in your environment. Nothing herein should be construed as legal or regulatory advice concerning applicable laws; customers must have their own qualified counsel determine the feasibility of a solution as it relates to regulatory and statutory compliance. McAfee and the McAfee logo are trademarks of McAfee LLC in the US and/or other countries. All other referenced product names and marks are trademarks of their respective owners. All printer output images are simulated. All features presented in this brochure may not apply to all Series and/or products and may be optional; please check with your Canon Authorized Dealer for details. Products shown with optional accessories. Canon U.S.A. does not provide legal counsel or regulatory compliance consultancy, including without limitation, Sarbanes-Oxley, HIPAA, GLBA, Check 21 or the USA Patriot Act. Each customer must have its own qualified counsel determine the advisability of a particular solution as it relates to regulatory and statutory compliance. Specifications and availability subject to change without notice. Not responsible for typographical errors.  
 ©2023 Canon U.S.A., Inc. All rights reserved.



[usa.canon.com](http://usa.canon.com)



To learn about Canon's many awards, visit [usa.canon.com/awards](http://usa.canon.com/awards).