

## imageRUNNER ADVANCE DX 4800 Series

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.

Black-and-white  
Mid-volume  
Multifunction



### 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.
- Hot Folders allow users to drag and drop a file into a hot folder, and automatically print with predefined settings such as number of copies and finishing requirements.



### 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 startup. McAfee Embedded Control<sup>3</sup> 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.<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 to help keep supplies replenished and intuitive maintenance videos for consumables replacement.
- imageRUNNER ADVANCE DX models have received many awards and recognition from leading industry analysts, often referencing strong reliability.



## 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.

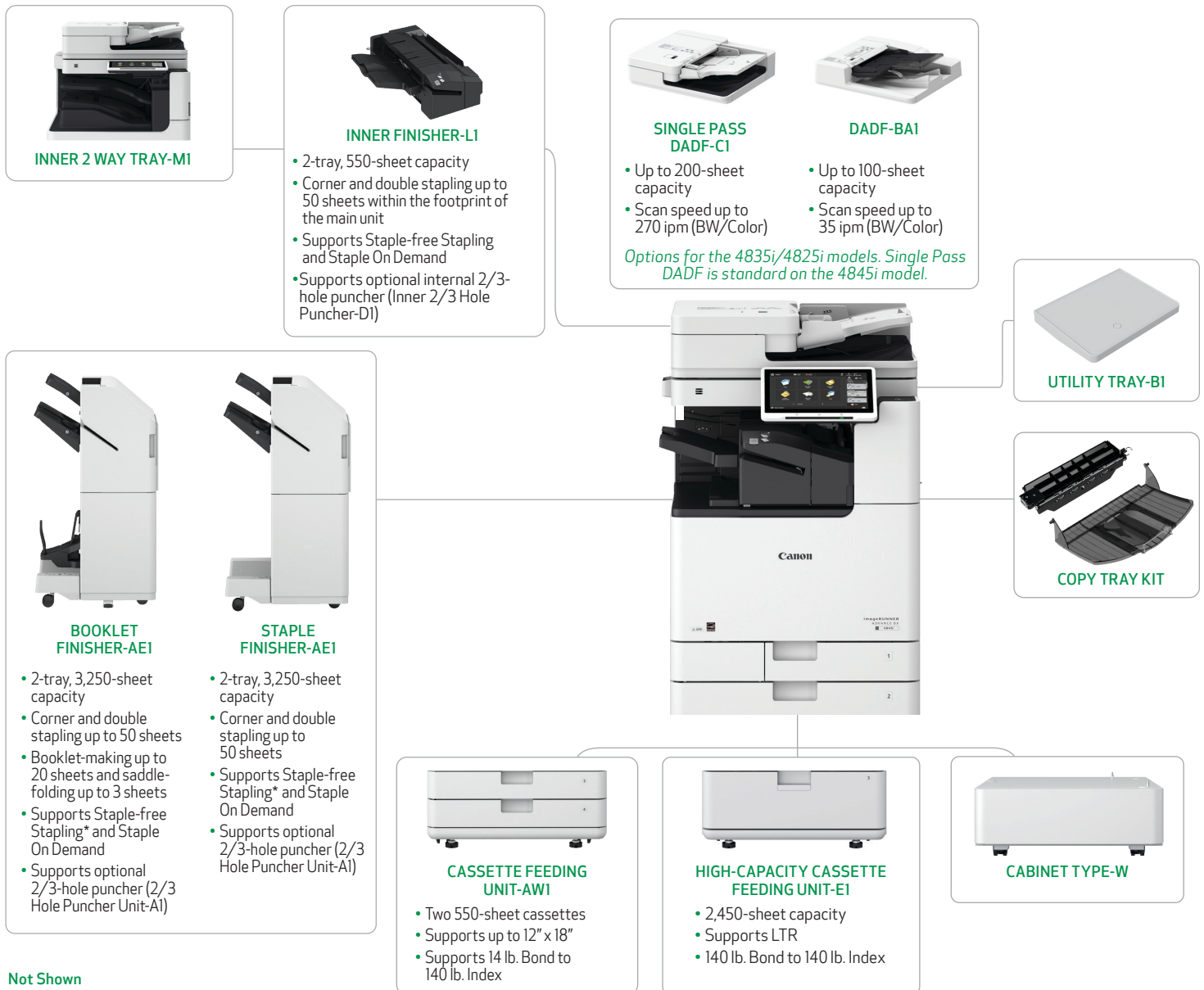


## SUSTAINABILITY

- 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>5</sup>

## CONFIGURATION OPTIONS

## imageRUNNER ADVANCE DX 4800 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,  
Wireless LAN (IEEE 802.11 b/g/n)  
Optional: Bluetooth Low Energy

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

### Supported Media Sizes

Upper Cassette: Standard size: Letter, Executive,  
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 Cassette: Standard size: 12" x 18", 11" x 17", Legal,  
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>5</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)

4845i: Up to 45 ppm (Letter), Up to 22 ppm  
(Legal/11"x17"), Up to 32 ppm (Letter-R)  
4835i: Up to 35 ppm (Letter), Up to 17 ppm  
(Legal/11"x17"), Up to 23 ppm (Letter-R)  
4825i: 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) (with Single  
Configured: Pass DADF-C1 + Staple Finisher-AE1/Booklet  
Finisher-AE1 + Copy Tray-T2 extended +  
paper cassette open)  
651 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)

4845i: As fast as 4.6 seconds  
4835i: As fast as 5.5 seconds  
4825i: 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  
Scanning: 13.3 lb. Bond to 80 lb. Cover (50 to 220 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>)  
Scanning: (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 g/m<sup>2</sup>)  
Scanning: (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),  
160/90 (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  
 Optional: 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, JPEG, PDF (Compact, Searchable, Apply Policy, Optimize for Web, PDF/A-1b, Trace & Smooth, Encrypted, Device Signature, User Signature), XPS (Compact, Searchable, 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 10,000 Pages (2,000 Jobs) Stored

**Advanced Box**  
 Communication Protocol: SMB or WebDAV  
 Supported Client PC: Windows (Windows 8.1/10)  
 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>15</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, 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), WPA3 support (Wi-Fi), Dual Network Support (Wired LAN/Wireless LAN, Wired LAN/Wired LAN), 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)

**Document**  
 Standard: Secure Watermark, Secure Print, Forced Hold Printing, Adobe LiveCycle® 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)  
 Approx. 37.8 W (110 - 127 V)<sup>16</sup>  
 Standby: Approx. 0.8 W<sup>17</sup>  
 Sleep Mode: Approx. 0.8 W<sup>17</sup>  
 Typical Electricity Consumption (TEC) Rating<sup>18</sup>  
 4845i: 0.48 kWh  
 4835i: 0.37 kWh  
 4825i: 0.27 kWh

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

**Consumables**

**Toner**  
 GPR-64 Toner BK

**Toner Yield (Estimated @ 6% Coverage)**  
 Black: 42,000 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> 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> No charge for this solution; however, activation is required.  
<sup>16</sup> Reference Value (measured one unit).  
<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.

