

## imageRUNNER ADVANCE DX 4700 Series

Print up to 51 ppm (BW)

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

Print up to 11" × 17"

6,350-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\* 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>2</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>3</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

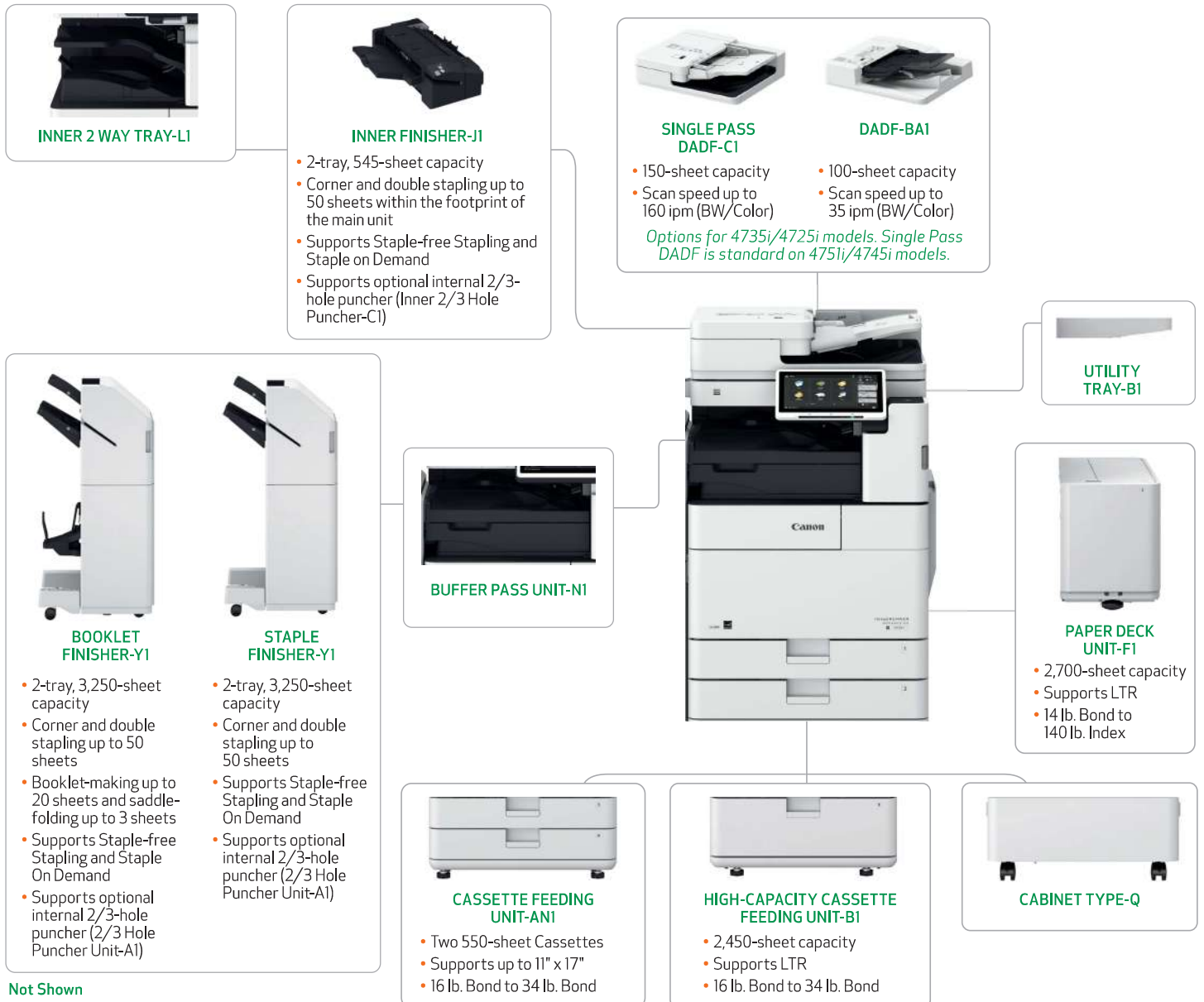
- Track and assess print, copy, scan, and fax usage and allocate costs to departments or projects.
- Apply print policies and restrict usage by user to help reduce unnecessary printing and contribute to cost efficiency.
- Standard cloud-based solution provides a centralized dashboard with up-to-the-minute 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>4</sup>

## CONFIGURATION OPTIONS



### Not Shown

- Inner 2/3 Hole Puncher-C1 (for Inner Finisher-J1)
- 2/3 Hole Puncher Unit-A1 (for External Finishers)
- Platen Cover Type-W

# SPECIFICATIONS

## Main Unit

### Type

Monochrome Laser Multifunctional

### Core Functions

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

### Processor

1.75 GHz Dual Core Processor

### Control Panel

10.1" TFT LCD WSVGA Color Touch-panel

### Memory

3.0 GB RAM

### Hard Disk Drive

Standard: 250 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: NFC, Bluetooth Low Energy

#### Others

Standard: USB 2.0 x1 (Host), USB 3.0 x1 (Host),  
USB 2.0 x1 (Device)

Optional: Copy Control Interface

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

Standard: 1,200 Sheets  
Maximum: 6,350 Sheets

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

Standard: Two 550-sheet Paper Cassettes,  
100-sheet Stack Bypass

Optional: Two 550-sheet Paper Cassettes (Cassette  
Feeding Unit-ANI), 2,450-sheet Paper Deck  
(High Capacity Cassette Feeding Unit-B1),  
2,700-sheet Paper Deck (Paper Deck  
Unit-F1)

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

Standard: 250 Sheets  
3,350 Sheets (with Buffer Pass-N1 + Staple)

Maximum: Finisher-Y1 or Booklet Finisher-Y1

### Finishing Capabilities

Standard: Collate, Group  
With Finishers: Collate, Group, Offset, Staple, Saddle Stitch,  
Hole Punch, Eco Staple, Staple On Demand

### Supported Media Types

Upper/Lower Casette: Thin, Plain, Recycled, Color, Heavy,  
Pre-punched  
Multi-purpose Tray: Thin, Plain, Recycled, Color, Heavy,  
Pre-punched, Bond, Transparency,  
Label, Envelope

### Supported Media Sizes

Upper Cassette: Legal, Letter, Letter-R, Executive,  
Statement-R, Custom Size  
(5-1/2" x 7-1/8" to 11-3/4" x 15-3/8")  
Lower Cassette: 11" x 17", Legal, Letter, Letter-R, Executive,  
Statement-R, Custom Size  
(5-1/2" x 7-1/8" to 11-3/4" x 17"), Envelope<sup>5</sup>:  
[No.10 (COM10), Monarch, DL, ISO-C5]  
Multi-purpose Tray: 11" x 17", Legal, Letter, Letter-R, Executive,  
Statement-R, Envelope [No.10 (COM10),  
Monarch, DL, ISO-C5], Custom Size/Free  
Size (3-7/8" x 5-7/8" to 11-3/4" x 17")

### Supported Media Weights

Upper/Lower Cassette: 16 lb. Bond to 80 lb. Cover (60 to 220 g/m<sup>2</sup>)  
Multi-purpose Tray: 14 lb. Bond to 80 lb. Cover (52 to 220 g/m<sup>2</sup>)  
Duplexing: 16 lb. Bond to 28 lb. Bond (60 to 105 g/m<sup>2</sup>)

### Print/Copy Speed

4751i: Up to 51 ppm (Letter), Up to 37 ppm  
(Letter-R), Up to 25 ppm (Legal),  
Up to 25 ppm (11" x 17")  
4745i: Up to 45 ppm (Letter), Up to 32 ppm  
(Letter-R), Up to 25 ppm (Legal),  
Up to 22 ppm (11" x 17")  
4735i: Up to 35 ppm (Letter), Up to 32 ppm  
(Letter-R), Up to 25 ppm (Legal),  
Up to 22 ppm (11" x 17")  
4725i: Up to 25 ppm (Letter), Up to 17 ppm  
(Letter-R), Up to 13 ppm (Legal),  
Up to 15 ppm (11" x 17")

### Warm-up Time

From Power On: Approx. 24 Seconds<sup>6</sup>  
From Sleep Mode: Approx. 10 Seconds<sup>7</sup>  
Quick Startup Mode: Approx. 4 Seconds<sup>8</sup>

### Dimensions (W x D x H)

4751i/4745i: 24" x 28-1/2" x 36-3/4"  
(608 mm x 722 mm x 932 mm)<sup>9</sup>  
4735i/4725i: With Platen Cover-Y2: 24" x 28-1/8" x 32-3/8"  
(608 mm x 713 mm x 822 mm)  
With Single Pass DADF-C1: 24" x 28-1/2" x  
36-3/4" (608 mm x 722 mm x 932 mm)  
With DADF-BA1: 24" x 28-3/8" x 36-1/2"  
(608 mm x 719 mm x 926 mm)

### Installation Space (W x D)

Basic: 44" x 45-5/8" (1,116 x 1,160 mm) (with Platen  
Cover-Y2 + Multi-purpose Tray open/extension  
tray extended + Paper Cassette open)  
44" x 46" (1,116 x 1,169 mm) (with Single  
Pass DADF-C1 + Multi-purpose Tray open/  
extension tray extended + Paper Cassette  
open)  
44" x 45-7/8" (1,116 x 1,166 mm) (with DADF-  
BA1 + Multi-purpose tray open/extension  
tray extended + Paper Cassette open)  
71-3/8" x 46" (1,811 x 1,169 mm) (with Single  
Pass DADF-C1 + Paper Deck Unit-F1 + Booklet  
Finisher-Y1 with extension tray extended and  
Saddle unit drawn)  
71-3/8" x 45-7/8" (1,811 x 1,166 mm) (with  
DADF-BA1 + Paper Deck Unit F1 + Booklet  
Finisher-Y1 with extension tray extended and  
Saddle unit drawn)

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

4751i/4745i: Approx. 193.8 lb. (87.9 kg)  
With Platen Cover: Approx. 165.3 lb. (75 kg)  
With Single Pass DADF-I: Approx. 193.8 lb.  
(87.9 kg)  
4735i/4725i: With DADF-BA1: Approx. 179.5 lb

## 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, Google Cloud Print, 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 Fonts: 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 Fonts: 136 Roman

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

UFR II/PS: Windows<sup>®</sup> 7/8.1/10/Server 2008/Server  
2008 R2/Server 2012/Server 2012 R2/  
Server 2016/Server 2019, Mac OS X (10.10  
or later)  
PCL: Windows<sup>®</sup> 7/8.1/10/Server 2008/Server  
2008 R2/Server 2012/Server 2012 R2/  
Server 2016/Server 2019  
PPD: Windows<sup>®</sup> 7/8.1/10, Mac OS X (10.9 or later)

## Copy Specifications

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

4751i: As fast as 3.7 seconds  
4745i: As fast as 3.8 seconds  
4735i: As fast as 3.8 seconds  
4725i: As fast as 5.2 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

4751i/4745i: Standard Single Pass Duplexing Automatic  
Document Feeder  
4735i/4725i: Optional Single Pass Duplexing Automatic  
Document Feeder, Duplexing Automatic  
Document Feeder, or Platen Cover

### 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 Scanning: 13.3 lb. Bond to 80 lb. Cover  
(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 Scanning: 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 Scanning: 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)

### 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> 7/8.1/10/Server 2008/Server 2008  
R2/Server 2012/Server 2012 R2/Server 2016

### 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)  
60/90 (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: E-mail/Internet FAX (SMTP), SMB 3.0, FTP, WebDAV, Mail Box  
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), SMB 3.0 (TCP/IP), WebDAV  
Email: SMTP, POP3

### 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 In-boxes, 1 Memory RX In-box, 50 Confidential Fax In-boxes, 30,000 Maximum Pages Stored (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>14</sup> User Authentication, Department ID Authentication, Access Management System, Device and Function Level Log-in

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<sup>15</sup>

Optional: Hard Disk Drive Mirroring, IEEE 2600.2 Common Criteria Certification, Data Loss Prevention (Requires uniFLOW)

### Network

Standard: Encrypted Secure Print, IP/Mac Address Filtering, IPsec, TLS Encrypted Communication (v1.0/1.1/1.2/1.3), SNMP v3.0, IEEE 802.1X, IPv6, SMTP Authentication, POP Authentication before SMTP, S/MIME, SIEM Integration

### 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

110-127V, 60Hz, 10.4A

### Power Consumption

Maximum: Approx. 1,500 W

Standby: Approx. 39 W<sup>15</sup>

Sleep Mode: Approx. 0.9 W<sup>16</sup>

Typical Electricity Consumption (TEC) Rating<sup>17</sup>

4751i: 0.71 kWh

4745i: 0.62 kWh

4735i: 0.51 kWh

4725i: 0.34 kWh

### Standards

ENERGY STAR<sup>®</sup> Certified

Rated EPEAT<sup>®</sup> Gold<sup>4</sup>

## Consumables

### Toner

GPR-57 Toner BK

### Toner Yield (Estimated @ 6% Coverage)

Black: 42,100 Images

<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> Requires Unified Firmware Platform v3.9 or greater.

<sup>3</sup> Requires additional option.

<sup>4</sup> For current EPEAT rating (Gold/Silver/Bronze), please visit [www.epeat.net](http://www.epeat.net).

<sup>5</sup> Envelope Feeder Attachment-D1 is required.

<sup>6</sup> Time from device power-on, until copy ready (not print reservation).

<sup>7</sup> Time from exiting Sleep mode to when printing is operational.

<sup>8</sup> Time from device power on to when the copy icon appears and is enabled to operate on the touch panel display.

<sup>9</sup> Time from device power-on to when key orientations can be performed 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> No charge for this solution; however activation is required.

<sup>15</sup> Reference Value (measured one unit).

<sup>16</sup> 0.9 W sleep mode not available in all circumstances due to certain settings.

<sup>17</sup> Based on ENERGY STAR Product Specification for Imaging Equipment Version 3.0.

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