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## imageRUNNER ADVANCE DX 4945i

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### Main Unit

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**Type**

Monochrome Laser Multifunctional

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**Core Functions**

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

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**Processor**

1.8 GHz Dual Core Processor

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**Control Panel**

10.1" TFT LCD WSVGA Colour Touch-panel

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**Memory**

3.5 GB RAM

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**Solid State Drive (SSD)**

Standard: 256 GB  
Maximum: 1 TB

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**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

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<b>Paper Capacity (LTR, 20 lb. Bond)</b>	<i>Standard:</i> 1,200 Sheets <i>Maximum:</i> 3,650 Sheets
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<b>Paper Sources (LTR, 20 lb. Bond)</b>	<i>Standard:</i> Two 550-sheet Paper Cassettes, 100-sheet Stack Bypass <i>Optional:</i> High-Capacity Cassette Feeding Unit-E1 (2,450 sheets)
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<b>Paper Output Capacity (LTR, 20 lb. Bond)</b>	<i>Standard:</i> 250 Sheets <i>Maximum:</i> 3,450 Sheets (with Staple Finisher-AE1 or Booklet Finisher-AE1 and Copy Tray-T2)
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<b>Finishing Capabilities</b>	<i>Standard:</i> Collate, Group <i>With Finishers:</i> Collate, Group, Offset, Staple, Saddle Stitch, Hole Punch, Eco Staple, Staple on Demand
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<b>Supported Media Types</b>	<i>Upper/Lower Cassette:</i> Thin, Plain, Heavy, Recycled, Colour, Bond, Pre-punched, Letterhead, Envelope Thin <i>Multi-purpose Tray:</i> Plain, Heavy, Recycled, Coated, Colour, Tracing, Bond, Label, Pre-punched, Letterhead, Envelope
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<b>Supported Media Sizes</b>	<i>Upper Cassette:</i> Standard size: Letter, Executive, Statement-R Custom Size: 4-1/8" x 5-7/8" to 11-3/4" x 8-1/2" Envelopes: ISO-C5 <i>Lower Cassette:</i> 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" Envelopes : COM10 No.10, Monarch, DL <i>Multi-purpose Tray:</i> Standard size: 12"x18", 11"x17", Legal, Letter, Letter-R, Executive, Statement, Statement-R Custom size: 3-7/8" x 5-1/2" to 12-5/8" x 18" Free size: 4" x 5-7/8" to 12" x 18" Envelopes: COM10 No.10, Monarch, ISO-C5, DL Envelope custom size: 3-7/8" x 3-7/8" to 12-5/8" x 18"
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<b>Supported Media Weights</b>	<i>Upper/Lower Cassette:</i> 14 lb. Bond to 140 lb. Cover (52 to 256 g/m <sup>2</sup> ) <i>Multi-purpose Tray:</i> 14 lb. Bond to 110 lb. Cover (52 to 300 g/m <sup>2</sup> ) <i>Duplexing:</i> 14 lb. Bond to 80 lb. Bond (52 to 220 g/m <sup>2</sup> )
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<b>Print/Copy Speed</b>	<i>Letter:</i> Up to 45 ppm <i>Letter-R:</i> Up to 32 ppm <i>Legal:</i> Up to 22 ppm <i>11" x 17':</i> Up to 22 ppm
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<b>Warm-up Time</b>	<i>From Power On:</i> Approx. 10 Seconds <i>From Sleep Mode:</i> Approx. 10 Seconds
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Quick Startup Mode: Approx. 4 Seconds

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**Dimensions (W x D  
x H)**

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)

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**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 Configured:* 65" x 44-1/8" (1651 mm x 1119 mm) (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)

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**Weight**

Approx. 193.8 lb. (87.9 kg)  
With Single Pass DADF-C1: Approx. 163.1 lb. (74 kg)  
With DADF-BA1: Approx. 149.9 lb. (68 kg)

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## Print Specifications

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**Standard Page  
Descriptions  
Languages**

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

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**Supported File  
Types for Direct  
Print**

PDF, TIFF, JPEG, EPS, XPS

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

A range of standard and optional software and MEAP-based solutions (including AirPrint, Mopria<sup>®</sup> Print Service, 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.

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**Fonts**

*PCL Fonts:* 93 Roman, 10 Bitmap fonts, 2 OCR fonts, Andalé Mono WT J/K/S/T (Japanese, Korean, Simplified and Traditional Chinese - requires the optional PCL International Font Set-A1), Barcode Fonts (requires the optional Barcode Printer Kit-D1)  
*PS Fonts:* 136 Roman

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**Operation System** UFR II: Windows® 8.1/10/11/Server2012/ Server2012 R2/Server2016/Server2019/ Server2022, Mac OS X (10.11 or later)

PCL: Windows® 8.1/10/11/Server2012/ Server2012 R2/Server2016/Server2019/ Server2022

PS: Windows® 8.1/10/11/Server2012/ Server2012 R2/Server2016/Server2019/ Server2022, Mac OS X (10.11 or later)

PPD: Windows® 8.1/10/11, Mac OS X (10.11 or later) As of Jan. 2022

Note: 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.

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## Copy Specifications

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<b>First-Copy-Out Time (Letter)</b>	As fast as 4.6 seconds
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<b>Copy Resolution (dpi)</b>	600 x 600
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<b>Multiple Copies</b>	Up to 9,999 Copies
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<b>Copy Exposure</b>	Automatic or Manual (9 Levels)
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<b>Magnification</b>	25%-400% (1% Increments)
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<b>Preset Reduction/Enlargement</b>	25%, 50%, 64%, 73%, 78%, 100% (1:1), 121%, 129%, 200%, 400%
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## Scan Specifications

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<b>Type</b>	Optional: Single Pass DADF-C1 or DADF-BA1 [2-sided to 2-sided (Automatic with DADF)]
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<b>Document Feeder Paper Capacity</b>	Single Pass DADF-C1: Up to 200 Sheets
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<b>Document Feeder Supported Media Sizes</b>	11" x 17", Legal, Letter, Letter-R, Statement, Statement-R
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<b>Documents Feeder Supported Media Weights</b>	Single Pass DADF-C1: 13.3 lb. Bond to 80 lb. Cover (50 to 220 g/m <sup>2</sup> )
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DADF-BA1: 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)

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**Platen Acceptable Originals**

Sheet, Book, 3-Dimensional Objects

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**Platen Supported Media Size**

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

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**Pull Scan**

Colour Network ScanGear2 for both Twain and WIA  
*Supported OS: Windows® 8.1/10/11/Server2012/Server2012 R2/Server 2016/Server 2019/Server 2022*

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**Scan Resolution (dpi)**

*Push: up to 600 x 600*  
*Pull: 600 x 600*

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**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.

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**Scan Speed (Letter)**

Single Pass DADF-C1  
*Single Sided Scanning: BW: 135 ipm (300 dpi), CL: 80 ipm (600 dpi)*  
*Double-sided Scanning: BW: 270 ipm (300 dpi), CL: 160 ipm (600 dpi)*

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## Send Specifications

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**Destination**

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

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**Address Book**

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

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**Send Resolution (dpi)**

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

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**Communication Protocol**

*File: FTP: (TCP/IP), SMB3.1.1 (TCP/IP), WebDAV*  
*Email: SMTP, POP3*

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**File Format**

TIFF (MMR), JPEG15, 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)

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## Fax Specifications (Optional)

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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

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## Store Specifications

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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	<i>Communication Protocol: SMB or WebDAV Supported</i> <i>Client PC: Windows (Windows 10/11)</i>  Concurrent Connections (Max.) <i>SMB: 64</i> <i>WebDAV: 3 (Active Sessions)</i>
Advanced Box Available Disk Space	Approx. 16 GB (Standard), Approx. 480 GB (With Optional 1 TB)

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**Memory Media**

*Standard:* USB

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## Security Specifications

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**Authentication** *Standard:* Universal Login Manager, uniFLOW Online Express (no charge for this solution; however activation is required), User Authentication, Department ID Authentication, Access Management System, Device and Function Level Log-in  
*Optional:* uniFLOW, uniFLOW Online

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**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) Hard Disk Drive Mirroring, IEEE 2600.2  
*Optional:* Common Criteria Certification

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**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)

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**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

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## Environmental Specifications

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**Operating Environment**

*Temperature:* 10 to 30°C  
*Humidity:* 20 to 80% RH (Relative Humidity)

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**Power Requirements**

110-127V, 60Hz, 10.4A

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**Power  
Consumption**

*Maximum:* Approx. 1,500 W

Copying (with DADF continuous scan): Approx. 649 W (110 - 127 V)

*Sleep Mode:* Approx. 0.9 W (not available in all circumstances due to certain settings)

*Typical Electricity Consumption (TEC) Rating:* 0.45kWh (based on ENERGY STAR Product Specification for Imaging Equipment Version 3.0)

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**Consumables**

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**Toner**

GPR-67 Toner BK

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

Black: 44,500 Images

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