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imageRUNNER ADVANCE DX 529iF

Main Unit

Type	Monochrome Laser Multifunction
Core Functions	Print, Copy, Scan, Send, Fax
Processor	1.8 GHz Dual Core Processor
Control Panel	10.1" TFT LCD WSVGA Color Touch-panel
Memory	Main CPU Side: 2 GB Image Processing CPU Side: 1 GB + 512 MB
Solid State Drive	256 GB
Interface Connection	Network: 1000Base-T/100Base-TX/10Base-T Optional: Wireless LAN Board-D1

Others

Standard: USB 2.0 x2 (Host), USB 3.0 x1 (Host), USB 2.0 x1 (Device)
Optional: Copy Control Interface

Paper Capacity (LTR, 20 lb. Bond)	Standard: 650 Sheets Maximum: 3,200 Sheets
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Paper Sources (LTR, 20 lb. Bond)	Standard: 550-sheet Paper Cassette, 100-sheet Stack Bypass Optional: 550-sheet (CASSETTE FEEDING UNIT-AR1), 2,650-sheet (HIGH CAPACITY CASSETTE FEEDING UNIT-D1), 550-sheet (CASSETTE MODULE-AG1), 75-envelope (ENVELOPE CASSETTE MODULE-A1)
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Paper Output Capacity (LTR, 20 lb. Bond)	500 Sheets
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Finishing Capabilities	Collate, Group
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Supported Media Types	Cassettes: Thin, Plain, Recycled, Colour, Heavy, Labels, Bond, Pre-punched Multi-purpose Tray: Thin, Plain, Recycled, Colour, Heavy, Transparency, Bond, Envelope
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Supported Media Sizes	Cassette (Std.): Letter, Executive, Statement, Custom size (3-7/8" x 5-7/8" to 8-1/2" x 11-3/4") Cassettes (Opt.): Legal, Letter, Executive, Statement, Custom size (3-7/8" x 5-7/8" to 8-1/2 x 14") Multi-purpose Tray: Legal, Letter, Executive, Statement, Envelope [No.10 (COM10), Monarch, DL, ISO-C5], Custom size (3" x 5" to 8-1/2" x 14")
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Supported Media Weights	Cassette: 16 lb. Bond to 36 lb. Bond (60 to 135 g/m ²) Multi-purpose Tray: 16 lb. Bond to 53.3 lb. Cover (60 to 200 g/m ²) Duplex: 16 lb. Bond to 32 lb. Bond (60 to 120 g/m ²)
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Print/Copy Speed (BW)	Up to 55 ppm (Letter); Up to 45 ppm (Legal)
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Warm-up Time	From Power On: 10 Seconds or Less (Time from device power-on until copy ready (not print reservation)) From Sleep Mode: 10 Seconds or Less (Time from exiting sleep mode to when printing is operational) Quick Startup Mode: 4 Seconds or Less (Time from device power-on to when copy icon appears on the main menu of touch-panel)
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Dimensions (W x D x H)	19-3/4" x 23-1/2" x 24-1/4" (500 mm x 598 mm x 617 mm)
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Installation Space (W x D)	41-3/8" x 32-3/8" (1,052 mm x 823 mm) (with left CRG door open + right door open + the cassette drawer open)
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Weight

Approx. 81.6 lb. (Includes consumables)

Print Specifications

Print Resolution (dpi)

600 x 600

Standard Page Description Languages

UFR II, PCL[®] 6, Adobe[®] PS[®] 3

Supported File Types

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), Barcode Fonts
PS Fonts: 136 Roman

Operating System

UFR II/PS: Windows[®] 8.1/10/11/Server 2012/Server 2012 R2/Server 2016/Server 2019/Server 2022, Mac OS X(10.12 or later)
PCL: Windows[®] 8.1/10/11/Server 2012/Server 2012 R2/Server 2016/Server 2019/Server 2022
PS: Windows[®] 8.1/10/11/Server 2012/Server 2012 R2/Server 2016/Server 2019/Server 2022, Mac OS X(10.12 or later)
PPD: Windows[®] 10/11, Mac OS X(10.12 or later)

Copy Specifications

First-Copy-Out Time (LTR)

As fast as 5 Seconds

Copy Resolution (dpi)

600 x 600

Multiple Copies

Up to 9,999

Magnification

25%-400% (1% Increments)

Preset Reduction/Enlargement

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

Scan Specifications

Type

Single-Pass Duplexing Automatic Document Feeder

Document Feeder Paper Capacity

100 Sheets (20 lb. Bond)

Document Feeder Supported Media Sizes

Legal, Letter, Statement
Custom Size: 1-7/8" x 5" to 8-1/2" x 14" (48.0 mm x 128.0 mm to 216.0 mm x 355.6 mm)
Business Card: 1-7/8" x 3-3/8" to 2-1/8" x 3-5/8" (48.0 mm x 85.0 mm to 55.0 mm x 91.0 mm)

Document Feeder Supported Media Weights

Single-sided Scanning: 13.3 lb. Bond to 34 lb. Bond (50 to 128 g/m²) (BW), 17 to 34 lb bond (64 to 128 gsm) (CL)
Double-sided Scanning: 13.3 lb. Bond to 34 lb. Bond (50 to 128 g/m²) (BW), 17 lb. Bond to 34 lb. Bond (64 to 128 g/m²) (CL)
Business Card: 21.3 lb. Bond to 80 lb. Cover (80 to 220 g/m²)

Platen Maximum Scanning Size

Up to 8-1/2" x 14" (216.0 mm x 355.6 mm)

Platen Acceptable Originals

Sheet, Book, 3-Dimensional Objects

Pull Scan

Colour Network ScanGear2 for both Twain and WIA
Supported OS: Windows® 7/8.1/10/Server 2008/Server 2008 R2/Server 2012/Server 2012 R2/Server 2016

Scan Resolution (dpi)

Scan for Copy: 600x600
Scan for Send: (Push) 600 x 600 (SMB/FTP/WebDAV/IFAX), (Pull) 600 x 600
Scan for Fax: 600x600

Scan to Mobile Devices and Cloud-based Services

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

Scan Speed (LTR)**Send (300 x 300 dpi):**

Automatic Colour Select "OFF":

- Single-Sided Scanning: 100 ipm
- Double-Sided Scanning: 200 ipm

Automatic Colour Select "ON":

- Single-Sided Scanning: 50 ipm
 - Double-Sided Scanning: 100 ipm
- Copy (600 x 600 dpi):**
- Single-Sided Scanning: 100 ipm
 - Double-Sided Scanning: 155 ipm

Send Specifications

Destination	Standard: Email/Internet Fax (SMTP), SMB, FTP, WebDAV, Mail Box Optional: IP Fax, Super G3 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 v3.0, WebDAV Email: SMTP, POP3
File Format	Standard: TIFF, JPEG, PDF (Compact, Searchable, Apply Policy, Optimize for Web, PDF A/1-b, Trace & Smooth, Encrypted, Device Signature, User Signature), XPS (Compact, Searchable, Device Signature, User Signature), Office Open XML (PowerPoint, Word)

Fax Specifications

Maximum Number of Connection Lines	One
Modem Speed	Super G3: 33.6 Kbps G3: 14.4 Kbps
Compression Method	MH, MR, MMR, JBIG
Resolution (dpi)	400 x 400 (Ultra Fine), 200 x 400 (Super Fine), 200 x 200 (Fine), 200 x 100 (Normal)
Sending/Recording Size	Statement to Legal

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 Simple (Number Supported)	100 User In-boxes, 1 Memory RX In-box, 50 Confidential Fax In-boxes, 30,000 Maximum Pages Stored (2,000 Jobs)
Advanced Box	<p>Communication Protocol: SMB or WebDAV Supported</p> <ul style="list-style-type: none"> • Client PC: Windows (Windows 8.1/10) • Concurrent Connections (Max.) <ul style="list-style-type: none"> SMB: 64 WebDAV: 3 (Active Sessions)
Advanced Box Available Disc Space	Approx. 16 GB

Security Specifications

Authentication	<p>Standard: Universal Login Manager (Device and Function Level Log-in), User Authentication, Department ID Authentication, Access Management System, uniFLOW Online Express</p> <p>Optional: uniFLOW</p>
Data	<p>Standard: Protecting SSD Data (SSD Data Encryption (FIPS140 Validated, SSD Lock), SSD Data Overwrite Erase, SSD Lock), Standard SSD Initialize, Trusted Platform Module (TPM), Job Log Conceal Function, Checking MFP Software Integrity (Verify System at Startup, Runtime Intrusion Detection), Common Criteria Certification (IEEE2600.2/HCD-PP)</p> <p>Optional: IEEE 2600 Common Criteria Certification, Data Loss Prevention (Requires uniFLOW)</p>

Network TLS 1.3, IPSec, IEEE802.1X authentication, SNMP V3.0, Firewall Functionality (IP/MAC Address Filtering), 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), G3 FAX separation from LAN, USB Port separation from LAN, Prohibit the execution of files stored in Advanced Space in the MFP, Scan and Send-Virus Concerns for E-mail Reception

Document Print Security (Secure Print, Encrypted Secure Print, Forced Hold Printing, uniFLOW Secure Print), Receive Data Security (Confidential Fax Inbox Forwarding Received Documents Automatically), Scan Security (Encrypted PDF, Device Signature PDF/XPS, User Signature PDF/XPS, Adobe LiveCycle® Rights Management ES2.5 Integration), BOX Security (Mail Box Password Protected, Advanced Space Access Control), Send Data Security (Setting for requesting password input per transmission, Restricted E-mail/File send functions, Confirming FAX number, Allow/ Restrict Fax Driver Transmissions, Allow/ Restrict Sending from History, S/MIME Support), Document Tracking (Secure Watermark)

Environmental Specifications

Operating Environment

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

Power Requirements

110-127V, 60 Hz, 9.7 A

Plug (Main Unit)

NEMA 5-15P

Power Consumption

Maximum: Approx. 1,500 W
Sleep Mode: Approx. 1.0 W
Typical Electricity Consumption (TEC) Rating
• 0.55 kWh

Standards

ENERGY STAR® Certified

Consumables

Toner

T03 Black (All-in-One Toner Cartridge), includes toner, drum, developer, and waste toner hopper

Toner Yield

51,500 Images; Toner cartridge yield in accordance with ISO/IEC 19752
