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## imageRUNNER ADVANCE DX 6870i

### Main Unit

<b>Type</b>	Monochrome Laser Multifunctional
<b>Core Functions</b>	<i>Standard:</i> Print, Copy, Scan, Send, Store <i>Optional:</i> Fax
<b>Processor</b>	1.75 GHz Dual Core Processor
<b>Control Panel</b>	10.1" TFT LCD WSVGA Colour Touch-panel
<b>Memory</b>	5.0 GB RAM
<b>Solid State Drive</b>	Standard: 256 GB Maximum: 1 TB
<b>Interface Connection</b>	Network <i>Standard:</i> 1000Base-T/100Base-TX/10Base-T, Wireless LAN (IEEE 802.11 b/g/n) <i>Optional:</i> 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

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<b>Paper Capacity (LTR, 20 lb. Bond)</b>	<i>Standard:</i> 1,200 Sheets <i>Maximum:</i> 6,350 Sheets
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<b>Paper Sources (LTR, 20 lb. Bond)</b>	<i>Standard:</i> Dual 550-sheet Paper Cassettes, 100-sheet Stack Bypass <i>Optional:</i> Dual 550-Sheet Paper Cassettes (Cassette Feeding Unit-AM1), 2,450-Sheet High Capacity Paper Cassette (High Capacity Cassette Feeding Unit-C1), 2,700-Sheet Paper Deck (Paper Deck Unit-F1)
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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-AB1 or Booklet Finisher-AB1 and 3rd Copy Tray Kit-A1)
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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, Staple Free Stapling, Staple On Demand, C-Fold (With Booklet Finisher AB2 and Paper Folding Unit L1), Z-Fold (With Paper Folding Unit L1) ( <i>Finishing capabilities vary depending on the options connected.</i> )
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<b>Supported Media Types</b>	<i>Paper Cassettes:</i> Thin, Plain, Recycled, Color, Heavy, Bond, Transparency, Pre-punched, Letterhead, Envelope ( <i>Envelope Feeder Attachment (standard) is required</i> ) <i>Multi-purpose Tray:</i> Thin, Plain, Recycled, Color, Heavy, Coated, Tracing, Bond, Transparency, Label, Pre-punched, Letterhead, Tab, Envelope
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<b>Supported Media Sizes</b>	<i>Upper Cassette:</i> Letter, Executive, Statement-R, Envelope [No.10 (COM10), Monarch, DL, ISO-C5], Custom Size (3-7/8" x 5-7/8" to 11-3/4" x 8-1/2") <i>Lower Cassette:</i> 12" x 18", 11" x 17", Legal, Letter, Letter-R, Executive, Statement-R, Envelope [No.10 (COM10), Monarch, DL, ISO-C5], Custom Size (3-7/8" x 5-7/8" to 12" x 18") <i>Multi-Purpose Tray:</i> 12" x 18", 11" x 17", Legal, Letter, Letter-R, Executive, Statement, Statement-R, Envelope [No.10 (COM10), Monarch, DL, ISO-C5], Envelope Custom Size (3-7/8" x 3-1/2" to 12-5/8" x 18"), Custom Size/Free Size (3-7/8" x 5-1/2" to 12-5/8" x 18")
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<b>Supported Media Weights</b>	<i>Cassettes:</i> 14 lb. Bond to 140 lb. Cover (52 to 256 g/m <sup>2</sup> ) <i>Stack Bypass::</i> 14 lb. Bond to 110 lb. Cover (52 to 300 g/m <sup>2</sup> ) <i>Duplexing:</i> 14 lb. Bond to 140 lb. Index (52 to 256 g/m <sup>2</sup> )
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<b>Print/Copy Speed</b>	<i>Letter:</i> Up to 70 ppm <i>Letter-R:</i> Up to 42 ppm <i>Legal:</i> Up to 40 ppm <i>11" x 17":</i> Up to 35 ppm <i>12" x 18":</i> Up to 20ppm
<b>Warm-up Time</b>	<i>From Power On:</i> Approx. 6 Seconds <i>From Sleep Mode:</i> 7 Seconds or Less <i>Quick Startup Mode:</i> Approx. 4 Seconds
<b>Dimensions (W x D x H)</b>	<i>Main Unit and Standard ADF:</i> 24-3/8" x 28-1/2" x 36-7/8" (620 x 722 x 937 mm)
<b>Installation Space (W x D)</b>	<i>Basic:</i> 44-7/8" x 45-3/4" (1,138 x 1,162 mm) (Right Cover Open with Multi-purpose tray extended + Cassette Drawers Open) <i>Fully Configured:</i> 73-1/2" x 45-3/4" (1,866 x 1,162 mm ) (Staple Finisher-AB1 or Booklet Finisher-AB1 with the extension tray extended + Paper Deck Unit-F1 + Cassette Drawers open)

## Print Specifications

<b>Print Resolution (dpi)</b>	1200 x 1200
<b>Standard Page Description Languages</b>	UFR II, PCL <sup>®</sup> 6, Adobe <sup>®</sup> PS <sup>®</sup> 3
<b>Supported File Types</b>	PDF, TIFF, JPEG, EPS (can be printed directly only from the Remote User Interface), XPS
<b>Printing from Mobile and Cloud</b>	A range of standard and optional software and MEAP-based solutions (including AirPrint, Mopria <sup>®</sup> Print Service, 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.
<b>Fonts</b>	<i>PCL Fonts:</i> 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) <i>PS Fonts:</i> 136 Roman
<b>Operating System</b>	<i>UFR II/PS:</i> Windows <sup>®</sup> 7/8.1/10/Server 2008/Server 2008 R2/Server 2012/Server 2012 R2/Server 2016/Server 2019, Mac OS X (10.11 or later)

PCL: Windows® 7/8.1/10/Server 2008/Server 2008 R2/Server 2012/Server 2012 R2/Server 2016/Server 2019

PPD: Windows® 7/8.1/10, Max OS X (10.10 or later)

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

Approx. 2.7 Seconds or Less

**Copy Resolution (dpi)**

600 x 600

**Multiple Copies**

Up to 9,999 Copies

**Magnification**

25%-400% (1% Increments)

**Preset Reduction/Enlargement**

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

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## Scan Specifications

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**Type**

Single-pass Duplexing Automatic Document Feeder

**Document Feeder Paper Capacity**

Up to 200 Sheets (20 lb. Bond)

**Document Feeder Supported Media Sizes**

11" x 17", Legal, Letter, Letter-R, Statement, Statement-R, Custom size (2-3/4" x 5-1/2" to 12" x 17")

**Documents Feeder Supported Media Weights**

Single-sided/Double-sided scanning: 13.3 lb. Bond to 80 lb. Cover (50 to 220 gsm)

**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*

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<b>Scan Resolution (dpi)</b>	Scan for Copy: 600 x 600 <i>Scan for Send: (Push) 600 x 600 (SMB/FTP/WebDAV/IFAX), (Pull) 600 x 600</i> <i>Scan for Fax: 600 x 600</i>
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<b>Scan to Mobile Devices and Cloud-based Services</b>	A range of solutions is available to provide scanning to mobile devices and cloud-based services depending on your requirements.
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## Send Specifications

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<b>Destination</b>	<i>Standard:</i> E-mail/Internet FAX (SMTP), SMB, FTP, WebDAV, Mail Box <i>Optional:</i> Super G3 Fax, IP Fax
<b>Address Book</b>	LDAP (2,000)/Local (1,600)/Speed dial (200)
<b>Send Resolution (dpi)</b>	<i>Push:</i> Up to 600 x 600 <i>Pull:</i> Up to 600 x 600
<b>Communication Protocol</b>	<i>File:</i> FTP (TCP/IP), SMB 3.0 (TCP/IP), WebDAV <i>Email:</i> SMTP, POP3
<b>File Format</b>	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)

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## Fax Specifications (Optional)

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<b>Modem Speed</b>	<i>Super G3:</i> 33.6 Kbps <i>G3:</i> 14.4 Kbps
<b>Compression Method</b>	MH, MR, MMR, JBIG
<b>Resolution (dpi)</b>	400 x 400, 200 x 400, 200 x 200, 200 x 100
<b>Sending/Recording Size</b>	Statement-R to 11" x 17"
<b>Fax Memory</b>	Up to 30,000 Pages (2,000 Jobs)

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<b>Speed Dials</b>	Max. 200
<b>Group Dials/Destinations</b>	Max. 199 Dials
<b>Sequential Broadcast</b>	Max. 256 Addresses
<b>Memory Backup</b>	Yes

## Store Specifications

<b>Mail Box (Number Supported)</b>	100 User-In-boxes, 1 Memory RX In-box, 50 Confidential Fax In-boxes, 10,000 Maximum Pages Stored (2,000 Jobs Stored)
<b>Advanced Box</b>	<p><i>Communication Protocol: SMB or WebDAV Supported</i></p> <p><i>Supported Client PC: Windows (Windows 8.1/10)</i></p> <p>Concurrent Connections (Max.)</p> <p><i>SMB: 64</i></p> <p><i>WebDAV: 3 (Active Sessions)</i></p>
<b>Advanced Box Available Disk Space</b>	Approx. 16 GB (Standard HDD), Approx. 480 GB (With Optional 1 TB HDD)

## Security Specifications

<b>Authentication &amp; Access Control</b>	<p>User Authentication (Picture Login, Picture and PIN Login, Card Login, Username and Password Login, Function Level Login, Mobile Login), Department ID Authentication (Department ID and PIN Login, Function Level Login), uniFLOW Online Express* (PIN Login, Picture Login, Picture and PIN Login, Card Login, Card and PIN Login, Username and Password Login, Department ID and PIN Login, Function Level Login), Access Management System (Access Control)</p> <p>Optional: uniFLOW</p> <p>*: No charge for this solution, however activation is required.</p>
<b>Device Security</b>	Protecting SSD Data [SSD Data Encryption (FIPS140-2 Validated), SSD Lock], Standard SSD Initialize, Trusted Platform Module (TPM), Job Log Conceal Function, Protecting MFD Software Integrity, Checking MFD Software Integrity (Verify System at Startup, Runtime Intrusion Detection)
<b>Network Security</b>	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 Box in the MFP, Scan and Send-Virus Concerns for E-mail Reception

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**Document Security**

Print Security (Secure Print, Encrypted Secure Print, Forced Hold Printing, uniFLOW Secure Print18), 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 Box 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)

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**Device Management and Auditing**

Administrator Password, Digital Certificate and Key Management, Audit Log, Cooperating with External Security Audit System (Security Information and Event Management), Image Data Logging, Security Policy Setting

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## Environmental Specifications

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**Operating Environment**

*Temperature: 10 to 26°C*  
*Humidity: 20 to 80% RH (Relative Humidity)*

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**Power Requirements**

110-127V AC, 60Hz, 12A

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**Power Consumption**

*Maximum: Approx. 1,800 W*  
*Standby: Approx. 48.4 W (Reference Value [measured one unit])*  
*Sleep Mode: Approx. 0.8 W (Sleep mode not available in all circumstances due to certain settings)*  
*Typical Electricity Consumption (TEC) Rating: 0.89kWh (Based on ENERGY STAR® Product Specification for Imaging Equipment Version 3.0)*

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**Standards**

ENERGY STAR® Certified

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## Consumables

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**Toner**

GPR-63 Toner BK

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