## imageRUNNER ADVANCE DX 527/617/717 Series

# EVOLVE YOUR BUSINESS' PRINT ENVIRONMENT WITH SMART, HIGH-SPEED, MONO A4 MULTIFUNCTION DEVICES
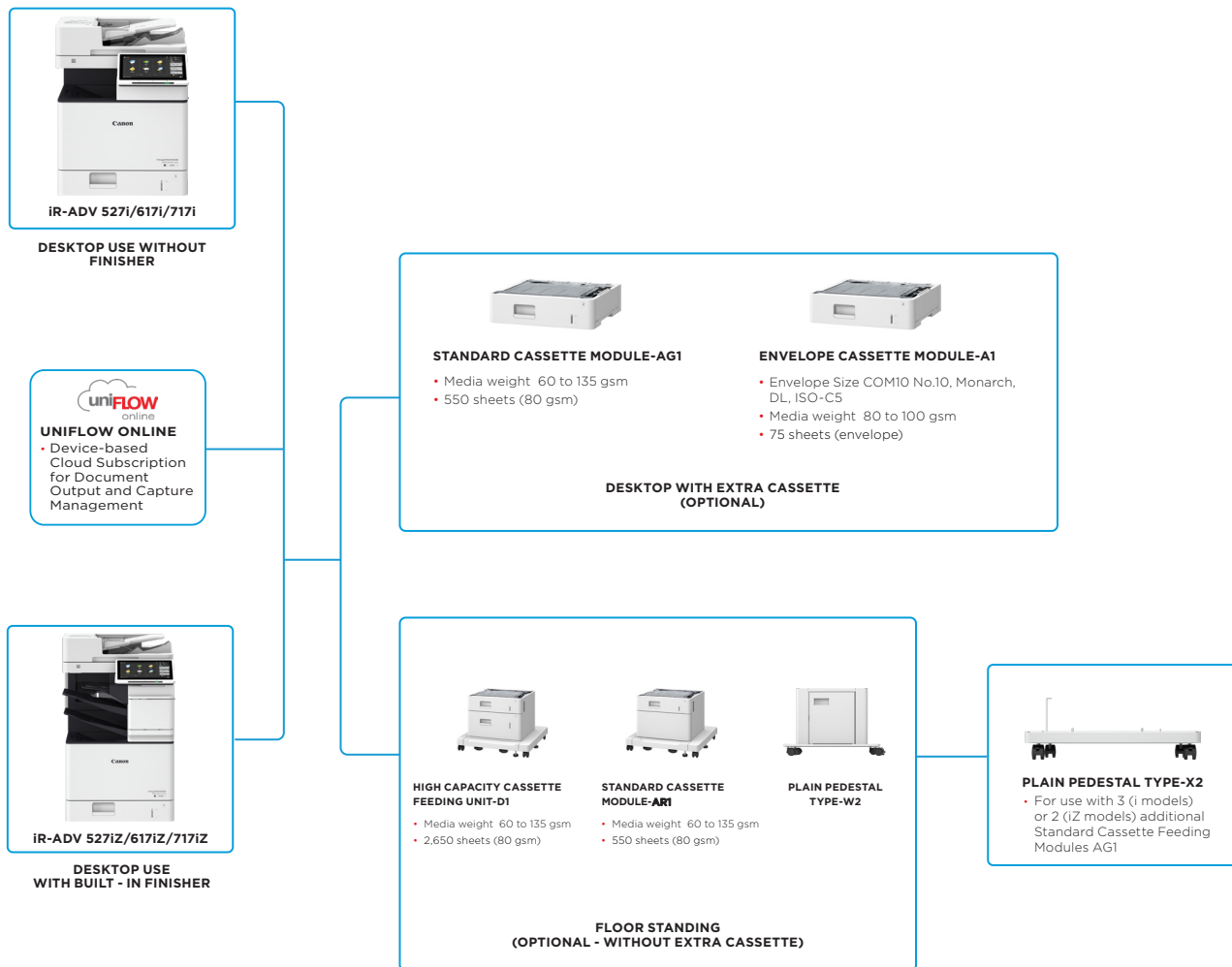


**Canon uniFLOW Online**
Outstanding Cloud Output Management Solution

**New to the Line**

## MAIN CONFIGURATION OPTIONS

Choice of paper supply options*



**iR-ADV 527i/617i/717i**

**DESKTOP USE WITHOUT FINISHER**

**UNIFLOW ONLINE**
• Device-based Cloud Subscription for Document Output and Capture Management

**STANDARD CASSETTE MODULE-AG1**
• Media weight  60 to 135 gsm
• 550 sheets (80 gsm)

**ENVELOPE CASSETTE MODULE-A1**
• Envelope Size COM10 No.10, Monarch, DL, ISO-C5
• Media weight  80 to 100 gsm
• 75 sheets (envelope)

**DESKTOP WITH EXTRA CASSETTE (OPTIONAL)**

**iR-ADV 527iZ/617iZ/717iZ**

**DESKTOP USE WITH BUILT - IN FINISHER**

**HIGH CAPACITY CASSETTE FEEDING UNIT-D1**
• Media weight  60 to 135 gsm
• 2,650 sheets (80 gsm)

**STANDARD CASSETTE MODULE-AR1**
• Media weight  60 to 135 gsm
• 550 sheets (80 gsm)

**PLAIN PEDESTAL TYPE-W2**

**PLAIN PEDESTAL TYPE-X2**
• For use with 3 (i models) or 2 (iZ models) additional Standard Cassette Feeding Modules AG1

**FLOOR STANDING (OPTIONAL - WITHOUT EXTRA CASSETTE)**

*Paper supply options include up to three additional cassettes for non finisher models (i series) and up to two additional cassettes for finisher models (iZ series)

This flat configuration is for illustration purpose only. For a complete list of options and the exact compatibility relationships, please refer to the online product configurator.

**The Unified Firmware Platform (UFP) ensures that the latest feature upgrades and protection are available, for an enhanced user experience across the entire iR ADVANCE DX portfolio.**

# TECHNICAL SPECIFICATIONS

# imageRUNNER ADVANCE DX 527/617/717 Series

## MAIN UNIT

| | |
|---|---|
| **Machine type** | A4 Monochrome Laser Multifunctional |
| **Core functions** | Print, Copy, Scan, Send and optional Fax |
| **Processor** | 1.75GHz Dual Core Processor |
| **Control Panel** | 10.1" TFT LCD WSVGA Color Touch panel |
| **Memory** | Standard: 3 GB RAM |
| **Hard Disk drive** | Standard: 320 GB (available disk space: 250 GB)<br>* A different initial HDD may be used. |
| **Interface Connection** | Network<br>Standard: 1000Base-T/100Base-TX/10Base-T, Wireless LAN (IEEE 802.11b/g/n)<br>Optional: NFC, Bluetooth Low Energy<br><br>Others<br>Standard: USB 2.0 x 2 (Host), USB 3.0 x 1 (Host), USB 2.0 x 1 (Device)<br>Optional: Copy Control Interface |
| **Paper Supply Capacity (A4, 80 gsm)** | Standard: 650 sheets<br>100-sheets Multi-purpose tray<br>550-sheets Paper cassette x 1<br>Maximum: 3,300 sheets<br>(with High Capacity Cassette Feeding Unit-D1) |
| **Paper Output Capacity (A4, 80 gsm)** | Standard model (iR-ADV DX 717i/617i/527i): 500 sheets<br>Finisher model (iR-ADV DX 717iZ/617iZ/527iZ): 1,000 sheets |
| **Finishing Capabilities** | Standard model (iR-ADV DX 717i/617i/527i): Collate, Group<br>Finisher Model (iR-ADV DX 717iZ/617iZ/527iZ): Collate, Group, Offset*, Staple<br>*available with upper tray |
| **Supported Media Types** | Multi-purpose tray:<br>Thin, Plain, Recycled, Heavy, Color, Transparency, Bond, Envelope<br>Paper Cassette:<br>Thin, Plain, Recycled, Heavy, Color, Labels, Bond, Pre-punched |
| **Supported Media Sizes** | Multi-purpose tray:<br>Standard size: A4, A5, A5R, A6, B5<br>Custom size: 76.2 x 127.0 mm to 216.0 x 355.6 mm<br>Envelope: COM10 No.10, Monarch, DL, ISO-C5<br>Paper Cassette:<br>Standard size: A4, A5, A5R, A6, B5<br>Custom size: 99.0 x 148.0 mm to 216.0 x 297.0 mm |
| **Supported Media Weights** | Multi-purpose tray: 60 to 199 gsm<br>Paper Cassette: 60 to 135 gsm<br>Duplex: 60 to 120 gsm |
| **Warm-up Time** | Quick Startup Mode: 4 Seconds or less*<br>*Time from device power-on to when the copy icon appears and is enabled to operate on the touch panel display.<br>From Sleep Mode: 10 Seconds or less<br>From Power On: 10 Seconds or Less*<br>*Time from device power on, until copy ready (not print reservation) |
| **Dimensions (W x D x H)** | Standard model (iR-ADV DX 717i/617i/527i): 500 x 598 x 617 mm<br>Finisher model (iR-ADV DX 717iZ/617iZ/527iZ): 502 x 598 x 814 mm |
| **Installation Space(W x D)** | Standard model/ Finisher model: 1,052 x 823 mm<br>(with left CRG door open + right door open + the cassette drawer open) |
| **Weight** | Standard model (iR-ADV DX 717i/617i/527i): Approx. 37 kg including toner<br>Finisher model (iR-ADV DX 717iZ/617iZ/527iZ): Approx. 46 kg including toner |

## PRINT SPECIFICATIONS

| | |
|---|---|
| **Print Speed*** | iR-ADV DX 717i/717iZ<br>71 ppm (A4), 113 ppm (A5), 40 ppm (A5R, A6)<br>iR-ADV  DX 617i/617iZ<br>61 ppm (A4), 99 ppm (A5), 35 ppm (A5R, A6)<br>iR-ADV  DX 527i/527iZ<br>52 ppm (A4), 80 ppm (A5), 35 ppm (A5R, A6)<br>* 1-sided |
| **Print Resolution (dpi)** | 600 x 600 to 1,200 x 1,200 (equivalent) |
| **Duplex Print Speed (A4/LTR)** | 717i/717iZ: 58ipm/62ipm<br>617i/617iZ: 50ipm/53ipm<br>527i/527iZ: 50ipm/53ipm |
| **Page description languages** | Standard: UFR II, PCL6, Adobe® PostScript®3™ |
| **Direct Print** | Supported file types: TIFF, JPEG, PDF, EPS, and XPS |
| **Printing from mobile and cloud** | AirPrint, Mopria, Google Cloud Print, Canon PRINT Business, and uniFLOW Online<br>A range of software and MEAP-based solutions are available to provide printing from mobile devices or internet-connected devices and cloud-based services depending on your requirements.<br>Please contact your sales representative for further information. |
| **Fonts** | PS fonts: 136 Roman<br>PCL fonts: 93 Roman, 10 Bitmap fonts, 2 OCR fonts, Andalé Mono WT J/K/S/T*¹ (Japanese, Korean, Simplified and Traditional Chinese), Barcode fonts*²<br>*¹ Optional PCL International Font Set-A1 is required.<br>*² Optional Barcode Printing Kit-D1 is required. |
| **Print Features** | Secured Print, Secure Watermark, Header/Footer, Page Layout, Two-sided Printing, Toner Reduction, Poster Printing, Forced Hold printing, Print Date, Scheduled Printing, Printing Using a Virtual Printer |
| **Operating System** | UFRII: Windows® 7/8.1/10/Server2008/Server2008 R2/ Server2012/Server2012 R2/Server2016/Server2019, Mac OS X(10.10 or later)<br>PCL: Windows® 7/8.1/10/Server2008/Server2008 R2/ Server2012/Server2012 R2/Server2016/Server2019<br>PS: Windows® 7/8.1/10/Server2008/Server2008 R2/ Server2012/Server2012 R2/Server2016/Server2019, Mac OS X(10.9 or later)<br>PPD: Windows® 7/8.1/10, Mac OS X(10.9 or later)<br>McAfee Embedded Control Software<br>As of Feb. 2020 |

## COPY SPECIFICATIONS

| | |
|---|---|
| **Copy Speed*** | iR-ADV DX 717i/717iZ<br>71 ppm (A4), 113 ppm (A5), 40 ppm (A5R, A6)<br>iR-ADV  DX 617i/617iZ<br>61 ppm (A4), 99 ppm (A5), 35 ppm (A5R, A6)<br>iR-ADV  DX 527i/527iZ<br>52 ppm (A4), 80 ppm (A5), 35 ppm (A5R, A6)<br>* 1-sided |
| **First-Copy-Out Time (A4)** | Approx. 5 seconds or less |
| **Copy resolution (dpi)** | 600 x 600 |
| **Multiple Copies** | Up to 9,999 copies |
| **Copy Density** | Automatic or Manual (9 Levels) |
| **Magnification** | Variable zoom: 25% to 400% (1% Increments)<br>Preset reduction/enlargement: 25%, 50%, 70%, 100%(1:1), 141%, 200%, 400% |
| **Copy Features** | Preset R/E Ratios by Area, Two-Sided, Density Adjustment, Original Type Selection, Interrupt Mode, Two-sided Original, Job Build, N on 1, Page Numbering, Copy Set Numbering, Sharpness, Erase Frame, Secure Watermark, Print Date, Copy ID Card, Skip Blank Pages, Reserved copy, Copy Sample |

## SCAN SPECIFICATIONS

| | |
|---|---|
| **Standard type** | Single-pass Duplexing Automatic Document Feeder*<br>[2-sided to 2-sided (Automatic)]<br>* Detect Feeder Multi Sheet Feed is supported. |
| **Document Feeder Paper Capacity (80 gsm)** | 100 Sheets |
| **Acceptable Originals and Weights** | Platen: Sheet, Book, and 3-Dimensional Objects<br>Document Feeder media weight:<br>1-sided scanning: 42 to 128 gsm (BW), 64 to 128 gsm (CL)<br>2-sided scanning: 50 to 128 gsm (BW), 64 to 128 gsm (CL)<br>Note:<br>Business card: 80 to 220 gsm<br>Original width narrower than A6: 50 to 128 gsm |
| **Supported Media Sizes** | Platen scanning size: up to 216.0 x 355.6 mm<br>Document Feeder media size:<br>A4, A5R, A6, B5, Custom size: 48.0 x 128.0 mm to 216.0 x 355.6 mm<br>Business card: 48.0 x 85.0 mm to 55.0 x 91.0 mm |
| **Scan Speed (ipm;  BW/CL, A4)** | Send (300 x 300 dpi):<br>up to 95/190 when Automatic Colour Select "OFF":<br>1-sided Scanning: 95<br>2-sided Scanning: 190<br>Automatic Color Select "ON":<br>1-sided Scanning: 50<br>2-sided Scanning: 100<br>Copy (600 x 600 dpi, BW only):<br>1-sided Scanning: 95<br>2-sided Scanning: 140 |
| **Scan Resolution (dpi)** | Scan for Copy: up to 600 x 600<br>Scan for Send: (Push) up to 600 x 600 (SMB/FTP/ WebDAV/IFAX), (Pull) up to 600 x 600<br>Scan for Fax: up to 600 x 600 |
| **Pull Scan Specifications** | Colour Network ScanGear2. For both TWAIN and WIA<br>Supported OS: Windows®7/ 8.1/ 10/ Server2008/ Server2008 R2/ Server2012/ Server2012 R2/ Server 2016<br>As of Feb. 2020 |
| **Scan Method** | Push Scan, Pull Scan, Scan to Box, Scan to Advanced Space, Scan to Network, Scan to USB Memory Key, Scan to Mobile devices, Scan to cloud<br>(uniFLOW Online - Optional) |

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# TECHNICAL SPECIFICATIONS

# imageRUNNER ADVANCE DX 527/617/717 Series

## SEND SPECIFICATIONS

**Destination**
Standard: E-mail/Internet FAX (SMTP), SMB3.0, FTP, WebDAV, Mail Box
Optional: 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), SMB3.0 (TCP/IP), WebDAV
E-mail/I-Fax: 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)

**Universal Send Features**
Original Type Selection, Two-sided Original, Density Adjustment, Sharpness, Erase Frame, Job Build, Delayed Send, Preview, Job Done Notice, File Name, Subject/Message, Reply-to, E-mail Priority, TX Report, Original Content Orientation, Skip Blank Pages

## FAX SPECIFICATIONS
(Optional)

**Maximum Number of Connection Lines**
1

**Modem Speed**
Super G3: 33.6 kbps
G3: 14.4 kbps

**Compression Method**
MH, MR, MMR, JBIG

**Resolution (dpi)**
400x400 (Ultra Fine), 200x400 (Super Fine), 200x200 (Fine), 200x100 (Normal)

**Sending/Receiving Size**
A4, A5*, A6* and B5* / A4, A5, B5
*Sent as A4

**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

**Fax Features**
Sender's Name (TTI), Selecting the Telephone Line (when sending fax), Direct Send, Delayed Send, Preview, Job Done Notice, TX Report, Interrupt Transmission, Sequential Broadcasting, Password/Subaddress Sending, Confidential Mailbox, 2 on 1 Log

## STORE SPECIFICATIONS

**Mail Box (Number supported)**
100 User Inboxes,
1 Memory RX Inbox,
50 Confidential Fax Inboxes
Maximum 30,000 Pages (2,000 jobs) Stored

**Advanced Space**
Communication Protocol: SMB or WebDAV
Supported Client PC: Windows® 8.1/10
Concurrent Connections (Max.): SMB: 64, WebDAV: 3

**Advanced Space available disc space**
Approx. 16GB

**Advanced Space Features**
Authentication for Advanced Space Log-in, Sort Function, Printing a PDF File with a Password, imageWARE Secure Audit Manager Support, Search, File Preview, Authentication Management, Open to public, URI TX, Backup/Restore

## SECURITY SPECIFICATIONS

**Authentication and Access Control**
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)

**Document Security**
Print Security (Secure Print, Encrypted Secure Print, Forced Hold Printing, uniFLOW Secure Print*[1]), 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)
*[1] Requires uniFLOW Online / uniFLOW

**Network Security**
TLS 1.3, FTPS, 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 MFD, Scan and Send -Virus Concerns for E-mail Reception

**Device Security**
Protecting HDD Data (HDD Data Encryption (FIPS140-2 Validated), HDD Data Overwrite Erase, HDD Lock), Standard HDD Initialize, Trusted Platform Module (TPM), Job Log Conceal Function, Protecting MFD Software Integrity, Checking MFD Software Integrity (Verify System at Startup, Runtime Intrusion Detection), Comply IEEE2600.2 (Common Criteria Certification) (in evaluation)

**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
Device administration and Security administration Passwords

## ENVIRONMENTAL SPECIFICATIONS

**Operating Environment**
Temperature: 10 to 30 ºC
Humidity: 20 to 80 % RH (Relative Humidity)

**Power source**
220-240 V, 50/60 Hz, 4.8 A

**Power consumption**
Maximum: Approx. 1,500 W
Copying (with DADF continuous scan):
   iR-ADV DX 717i/717iZ: 827.5 W*[1]
   iR-ADV DX 617i/617iZ: 784.6 W*[1]
   iR-ADV DX 527i/527iZ: 783.1 W*[1]
Network Printing:
   iR-ADV DX 717i/717iZ: 828.3 W*[1]
   iR-ADV DX 617i/617iZ: 793.4 W*[1]
   iR-ADV DX 527i/527iZ: 728.5 W*[1]
Standby: Approx. 28.92 W*[1]
Sleep mode: Approx. 1.0 W*[2]
*[1] Reference value: measured one unit
*[2] 1.0 W is not available in all circumstances due to certain settings.

Typical Electricity Consumption (TEC)* rating
   iR-ADV DX 717i/717iZ: 0.78 kWh
   iR-ADV DX 617i/617iZ: 0.64 kWh
   iR-ADV DX 527i/527iZ: 0.54 kWh
*As per USA Energy Star 3.0

**Noise levels**
Sound Power Level (LWA, m)*
Active (1-sided)
   iR-ADV DX 717iZ/717i: 7.0 B, Kv 0.3 B /6.9 B, Kv 0.3 B
   iR-ADV DX 617iZ/617i: 6.8 B, Kv 0.3 B /6.8 B, Kv 0.3 B
   iR-ADV DX 527iZ/527i: 6.8 B, Kv 0.3 B /6.7 B, Kv 0.3 B
*Reference value: measured only one unit with ISO7779, described with ISO9296 (2017)

Sound Pressure (LpAm)*
Bystander's position:
Active(BW) (1-sided):
   iR-ADV DX 717i/717iZ: 56 dB
   iR-ADV DX 617i/617iZ: 55 dB
   iR-ADV DX 527i/527iZ: 54 dB
Stand-by
   iR-ADV DX 717iZ/617iZ/527iZ: 25 dB
   iR-ADV DX 717i/617i/527i: 21 dB
*Reference value: Measured only one unit with ISO7779, described with ISO9296 (2017)

**Standards**
Blue Angel

## CONSUMABLES

**Toner Cartridges**
T03 Black

**Toner Yield**
Black: 51,500 pages
Toner Cartridge yield in accordance with ISO/IEC 19752.

## SOFTWARE AND PRINTER MANAGEMENT
For detailed information please visit our website
https://www.canon-europe.com/business/

**Tracking and reporting**
Universal Login Manager (ULM)
uniFLOW Online Express*
* For more information, please refer to
   uniFLOW Online Express
   uniFLOW Online

**Remote management tools**
iW Management Console
eMaintenance
Content Delivery System

**Scanning software**
Network ScanGear

**Platform**
MEAP (Multifunctional Embedded Application Platform)

**Document Publishing**
Kofax PowerPDF (optional)

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# TECHNICAL SPECIFICATIONS

# imageRUNNER ADVANCE DX 527/617/717 Series

## PAPER SUPPLY OPTIONS

**Cassette Module-AG1**
Paper Capacity: 550 sheets (80 gsm)
Paper Type: Thin, Plain, Recycled, Heavy, Color, Labels, Bond, Pre-punched
Paper Size: A4, A5, A5R, A6, B5, Custom size: 99.0 x 148.0 mm to 216.0 x 355.6 mm
Paper Weight: 60 to 135 gsm
Power Source: From the Main Unit
Dimensions (W x D x H): 484 x 450 x 127 mm (attached to the main unit)
Weight: Approx. 7 kg

**Envelope Cassette Module-A1**
Paper Capacity: 75 Envelopes
Envelope Size: COM10 No.10, Monarch, DL, ISO-C5
Paper Weight: 80 to 100 gsm
Power Source: From the Main Unit
Dimensions (W x D x H): 484 x 450 x 127 mm (attached to the main unit)
Weight: Approx. 7 kg

**Cassette Feeding Unit-AR1**
Paper Capacity: 550 sheets (80 gsm)
Paper Type: Thin, Plain, Recycled, Heavy, Color, Labels, Bond, Pre-punched
Paper Size: A4, A5, A5R, A6, B5, Custom size: 99.0 x 148.0 mm to 216.0 x 355.6 mm
Paper Weight: 60 to 135 gsm
Power Source: From the Main Unit
Dimensions (W x D x H): 642 x 657 x 456 mm (attached to the main unit)
Weight: Approx. 19 kg

**High Capacity Cassette Feeding Unit-D1**
Upper cassette:
Paper Capacity: 550 sheets (80 gsm)
Paper Type: Thin, Plain, Recycled, Heavy, Color, Labels, Bond, Pre-punched
Paper Size: A4, A5, A5R, A6, B5, Custom size: 99.0 x 148.0 mm to 216.0 x 355.6 mm
Paper Weight: 60 to 135 gsm

Lower cassette:
Paper Capacity: 2,100 sheets (80 gsm)
Paper Type: Thin, Plain, Recycled, Heavy, Color, Bond, Pre-punched
Paper Size: A4
Paper Weight: 60 to 135 gsm
Power Source: From the Main Unit
Dimensions (W x D x H): 642 x 657 x 456 mm (attached to the main unit)
Weight: Approx. 27 kg

## OUTPUT FEATURES*

*Paper capacity may vary with different paper type/size.

**Finisher Model**
**(iR-ADV DX 717iZ/ 617iZ/ 527iZ)**
Tray Capacity (80 gsm):
Upper Tray: A4, A5R, B5: 400 sheets
Lower Tray: A4, A5R, B5: 100 sheets
Main unit output tray: A4, A5, A5R, A6, B5: 500 sheets
Paper Type: Thin, Plain, Recycled, Heavy, Color, Bond, Transparency*, Envelope*
*only for Main Unit Output tray
Staple Paper Weight: 60 to 120 gsm
Staple Position: Corner
Staple Paper Size: A4, Custom size (210.0 x 279.4 mm to 216.0 x 355.6 mm)
Staple Capacity: 30 sheets (60 to 90 gsm), 20 sheets (91 to 120 gsm)

## HARDWARE ACCESSORIES

**Card Readers**
Various card readers available e.g. MiCard Plus. Please contact local Canon Office for more details.
Copy Card Reader-F1
Copy Card Reader Attachment-B5

## SECURITY OPTIONS

## SYSTEM AND CONTROLLER OPTIONS

**Print Accessories**
PCL International Font Set-A1

**Barcode Printing**
Barcode Printing Kit-D1

**System Accessories**
Copy Control Interface Kit-A1
Connection Kit-A2 for Bluetooth LE
NFC Kit-E1

**FAX Accessories**
Super G3 FAX Board-AY1
Remote Fax Kit-A1
IP FAX Expansion Kit-B1

## OTHER OPTIONS

**Accessibility Accessories**
ADF Access Handle-A1

**Consumables**
Staple-P1

## Software & Solutions



## Certifications and compatibility