

## THE COMPACT DEVICE THAT DELIVERS ON QUALITY AND EFFICIENCY

imageRUNNER ADVANCE DX C478i Series is ideally suited to small businesses that need access to a fast, reliable and easy-to-maintain printer.

### Canon imageRUNNER ADVANCE DX C478i Series

Colour Multifunction Device 



#### PERFORMANCE

Save time and resources, increasing productivity with efficient workflows and intuitive ease-of-use

- Vivid and vibrant colour delivers a crisp, even finish.
- Advanced scanning technology can dramatically reduce time spent naming and saving scanned files to your cloud storage service\*.
- Achieve maximum uptime with status notifications that help keep supplies replenished and intuitive maintenance videos for your high yield all-in-one toner cartridge replacement.

#### INTEGRATION

Seamlessly integrate with key line-of-business systems to fast track your digital transformation journey

- Personalised workflows allow users to pick and choose what works best for them in terms of functionality.
- IT and office automation smoothly aligns thanks to a common source code for firmware and Canon's powerful Multifunctional Embedded Application Platform (MEAP).
- Access and store your cloud documents at anytime using uniFLOW Online.

#### SECURITY

Safeguard data and ensure sensitive information remains secure

- SSD encryption is applied for tighter control over confidential documents and hardware data.
- Simplified management and security settings provides users and administrators with the ability to control security policies with ease from a centralised point.
- Verify that the device boot process, firmware and applications initialise without alteration at startup. McAfee Embedded Control™ utilises a whitelist to protect against malware and tampering of firmware and applications.

#### MOBILITY

Workers and contractors can achieve ultimate freedom and flexibility with Expanded Mobile OS Support

- Expanded mobile OS support adds flexibility and freedom to workplaces, enabling users to work 'on the go'.
- Canon PRINT Business (mobile app) makes managing workflows even easier and can be used with Apple® and Android™.

#### COST CONTROL

Improving operation efficiencies and better managing costs

- Forced job hold with ability to change print settings at device enhances control over projects.
- Blank page removal eliminates paper wastage and helps with document formatting.
- Track and assess print, copy, scan usage and allocate costs to departments or projects.

#### SUSTAINABILITY

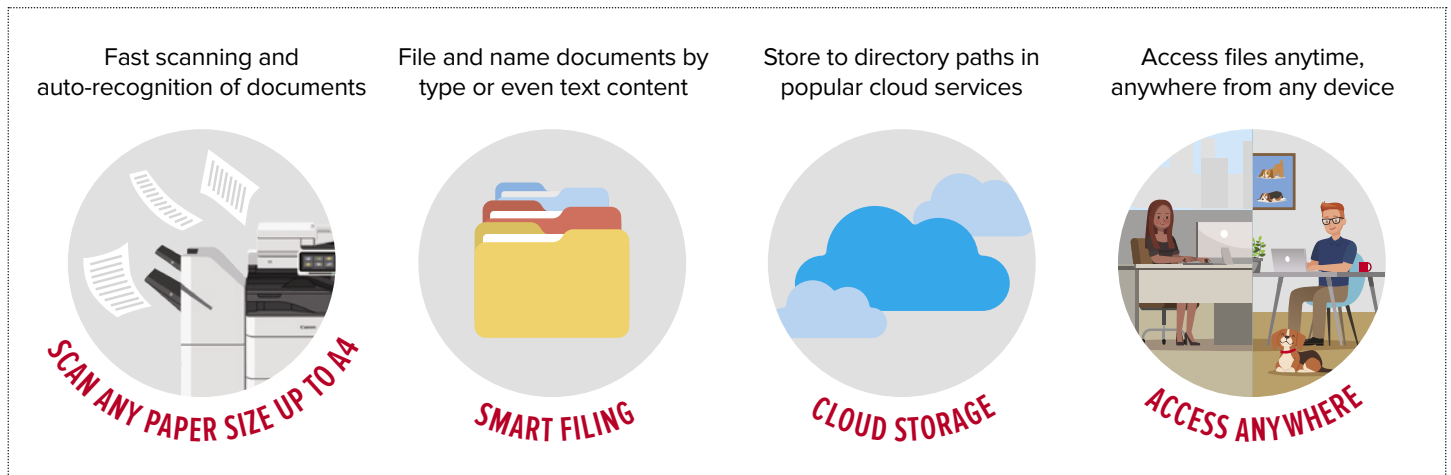
Incorporating responsible design and efficient operation to help achieve environmental goals

- Motion sensor/sleep recovery triggers are designed to ensure that the machine only operates when necessary so that power consumption is kept to a minimum.
- Bio-based plastics are used throughout the machine for an environmentally friendly approach to printing performance.

## ADVANCED SCANNING

uniFLOW Online's Filing Assist\* saves you time, reduces keying errors and brings consistency to your filing so you can find what you need, when you need it, anywhere you have internet access; at home, work or on the go.

Filing Assist uses pre-configured workflows that scan batches of repetitive documents including invoices, delivery notes, picking lists and orders to popular cloud services. Not only are they scanned, they are named, converted and filed – based on rules and information from the document.



\* Filing Assist is available with uniFLOW Online 2020.2 and requires a Cloud Image Processing subscription.

## CONFIGURATION

**imageRUNNER ADVANCE DX C478i<sup>1</sup>**  
(Standard Model)



**imageRUNNER ADVANCE DX C478iZ<sup>2</sup>**  
(Finisher Model)



**Cassette Module-AJ1**

- Supports up to A4
- 1 x 500 sheets (80 gsm)
- Desktop
- Can add up to two additional cassettes



**Cassette Feeding Unit-AS1**

- Supports up to A4
- 1 x 500 sheets (80 gsm)
- Includes cabinet for storage



**Cassette Feeding Unit-AT1**

- Supports up to A4
- 1,500 sheet capacity



<sup>1</sup> Finisher cannot be added.

<sup>2</sup> Finisher comes standard and cannot be removed.

# imageRUNNER ADVANCE DX C478i/C478iZ SPECIFICATIONS

Main Unit	
Machine Type	A4 Colour Laser Multifunctional
Core Function	Print, Copy, Scan, Send, Store and Optional Fax
Processor	1.75 GHz Dual Core Processor
Control Panel	10.1" TFT LCD WSVGA Colour Touch Panel
Memory	Standard: 4.0 GB RAM
Storage	Standard: (SSD) 256 GB
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 (Host) x 2, USB 3.0 (Host) x 1, USB 2.0 (Device) x 1 Optional: Copy Control Interface
Paper Supply Capacity (A4, 80 gsm)	Standard: 600 Sheets 100-sheet Multi-purpose Tray 500-sheet Paper Cassette x 1 Maximum: 2,100 Sheets (with Cassette Feeding Unit-AT1)
Paper Output Capacity (A4, 80gsm)	Standard Model (iR-ADV DX C478i): 400 Sheets Finisher Model (iR-ADV DX C478iZ): 900 Sheets
Finishing Capabilities	Standard Model (iR-ADV DX C478i): Collate, Group Finisher Model (iR-ADV DX C478iZ): Collate, Group, Offset, Staple
Supported Media Types	Multi-purpose Tray: Thin, Plain, Recycled, Heavy, Color, Bond, Letterhead, Envelope Paper Cassette: Thin, Plain, Recycled, Heavy, Color, Label, Bond, Letterhead
Supported Media Sizes	Multi-purpose Tray: Standard Size: A4, A5, A5R, A6, B5 Custom Size: 76.2 x 127.0 mm to 216.0 x 355.6 mm Envelopes: COM10 No.10, Monarch, DL, ISO-C5 Paper Cassette: Standard Size: A4, A5, A5R, A6, B5 Custom Size: 101.6 x 148.0 mm to 216.0 x 355.6 mm
Supported Media Weights	Multi-purpose Tray: 60 to 216 gsm Cassettes: 60 to 163 gsm Duplex: 60 to 163 gsm
Warm-up Time	Quick Startup Mode: 4 seconds or less* * Time from device power-on to when the copy icon appears and is enabled to operate on the touch panel display. From Deep Sleep Mode: 10 Seconds or less From Power On: 10 Seconds or less* * Time from device power-on, until copy ready (not print reservation).
Dimensions (W x D x H)	Standard Model (iR-ADV DX C478i): 521 x 642 x 668 mm Finisher Model (iR-ADV DX C478iZ): 521 x 642 x 864 mm
Installation Space (W x D)	950 x 840 mm (with left cartridge door open + right door open + the cassette drawer open)
Weight	Standard Model (iR-ADV DX C478i): Approx. 46 kg Finisher Model (iR-ADV DX C478iZ): Approx. 55 kg
Print Specifications	
Print Speed* (BW and CL)	iR-ADV DX C478i/C478iZ: Up to 47 ppm (A4), Up to 73 ppm (A5)*, Up to 39 ppm (A5R), Up to 49 ppm (A6)* * 1-sided
Print Resolution (dpi)	600 x 600, 1200 x 600
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 Business PRINT, and uniFLOW Online. 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. Please contact your sales representative for further information.
Fonts	PS fonts: 136 Roman 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 *1 Optional PCL International Font Set-A1 is required. *2 Optional Barcode Printing Kit-D1 is required.
Print Features	Secured Print, Secure Watermark, Header/Footer, Page Layout, 2-sided Printing, Toner Reduction, Poster Printing, Forced Hold printing, Print Date, Scheduled Printing, Printing Using a Virtual Printer
Operating System As of Oct 2020	UFR II: Windows® 8.1/10/Server2012/Server2012 R2/Server2016/Server2019, Mac OS X (10.11 or later) PCL: Windows® 8.1/10/Server2012/Server2012 R2/Server2016/Server2019 PS: Windows® 8.1/10/Server2012/Server2012 R2/Server2016/Server2019, Mac OS X (10.11 or later) PPD: Windows® 8.1/10, Mac OS X (10.10 or later)
Copy Specifications	
Copy Speed* (BW and CL)	iR-ADV DX C478i/C478iZ: Up to 47 ppm (A4), Up to 73 ppm (A5)*, Up to 39 ppm (A5R), Up to 49 ppm (A6)* * 1-sided
First-Copy-Out Time (A4, BW/CL)	Approx. 5.1/5.8 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) Preset Reduction/Enlargement: 25%, 50%, 70%, 100% (1:1), 141%, 200%, 400%
Copy Features	Preset R/E Ratios by Area, 2-Sided, Density Adjustment, Original Type Selection, Interrupt Mode, 2-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, Color Mode, Reserved Copy, Copy Sample
Scan Specifications	
Type	Single-pass Duplexing Automatic Document Feeder* (2-sided to 2-sided (Automatic)) * Detect Feeder Multi Sheet Feed is supported.
Document Feeder Paper Capacity (80 gsm)	Up to 100 Sheets
Acceptable Originals and Weights	Platen: Sheet, Book Document Feeder Media Weight: 1-sided scanning: 42 to 128 gsm (BW), 64 to 128 gsm (CL) 2-sided scanning: 50 to 128 gsm (BW), 64 to 128 gsm (CL) Note: Business card: 80 to 220 gsm Original width narrower than A6 except business card: 50 to 128 gsm.
Supported Media Sizes	Platen Scanning Size: Up to 216.0 x 355.6 mm Document Feeder Media Size: A4, A5R, A6, B5 Custom Size: 48.0 x 128.0 mm to 216.0 x 355.6 mm Business Card: 48.0 x 85.0 mm to 55.0 x 91.0 mm
Scan Speed (ipm, BW and CL; A4)	Send (300 x 300 dpi): Automatic Color Select "OFF": 1-sided Scanning: 95 2-sided Scanning: 190 Automatic Color Select "ON": 1-sided Scanning: 50 2-sided Scanning: 100 Copy: Scan Speed Priority (300 x 600 dpi): 1-sided Scanning: 50 2-sided Scanning: 100 Image Quality Priority (600 x 600 dpi): 1-sided Scanning: 30 2-sided Scanning: 50

Scan Resolution (dpi)	Scan for Copy: 600 x 600 Scan for Send: (Push) 600 x 600 (SMB/FTP/WebDAV/IFAX), (Pull) 600 x 600 Scan for Fax: 600 x 600
Pull Scan Specifications As of Mar. 2020	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 Method	Push Scan, Pull Scan, Scan to Box, Scan to Advanced Box, Scan to Network, Scan to USB Memory Key, Scan to Mobile Devices, Scan to Cloud (uniFLOW Online)
Send Specifications	
Destination	Standard: E-mail/Internet FAX (SMTP), SMB3.0, 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 E-mail/Fax: SMTP, POP3
File Format	Standard: TIFF, JPEG, PDF (Compact, Apply Policy, Optimise 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, 2-sided Original, Density Adjustment, Sharpness, Erase Frame, Job Build, Sender's Name (TTI), 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	
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)	400 x 400 (Ultra Fine), 200 x 400 (Super Fine), 200 x 200 (Fine), 200 x 100 (Normal)
Sending/Receiving Size	A4, A5*, A6*, 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 10,000 Pages (2,000 Jobs) Stored
Advanced Box	Communication Protocol: SMB or WebDAV Supported Client PC: Windows® 8.1/10 Concurrent Connections (Max.): SMB: 64, WebDAV: 3
Advanced Box Available Disc Space	Standard: 16 GB
Advanced Box Features	Authentication for Advanced Box 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™), 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) *1 Requires uniFLOW Online/uniFLOW.
Network Security	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
Device Security	Protecting HDD Data (HDD Data Encryption (FIPS140-2 Validated), HDD Data Overwrite Erase, HDD Lock), Standard HDD Initialise, Trusted Platform Module (TPM), Job Log Conceal Function, Protecting MFD Software Integrity, Checking MFD Software Integrity (Verify System at Startup, Runtime Intrusion Detection)
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
Environmental Specifications	
Operating Environment	Temperature: 10 to 30 °C Humidity: 20 to 80 % RH (Relative Humidity)
Power Source	220-240 V, 50/60 Hz, 4.3 A
Power Consumption	Maximum: Approx. 1,500 W Standby: Approx. 48 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.
Consumables	
Toner Cartridges	Toner T04 BK/C/M/Y
Toner (Estimated Yield @ 5% Coverage)	Toner T04 BK: 33,000 Pages* Toner T04 C/M/Y: 27,500 Pages* * Toner Cartridge yield in accordance with ISO/IEC 19798*.
Software and Printer Management	
Tracking and Reporting	Universal Login Manager (ULM) uniFLOW Online Express
Remote Management Tools	eMaintenance Content Delivery System
Scanning Software	Network ScanGear
Optimisation Tools	Canon Driver Configuration Tool
Platform	MEAP (Multifunctional Embedded Application Platform)

## Paper Supply Options

Cassette Module-AJ1	Paper Capacity: 500 Sheets (80 gsm) Paper Type: Thin, Plain, Recycled, Heavy, Color, Labels, Bond, Letterhead Paper Size: A4, A5, A5R, A6, B5, Custom Size: 101.6 x 148.0 mm to 216.0 x 355.6 mm Paper Weight: 60 to 163 gsm Dimensions (W x D x H): 521 x 474 x 130 mm (attached to the main unit) Weight: Approx. 7 kg
Cassette Feeding Unit-AS1	Paper Capacity: 500 Sheets (80 gsm) Paper Type: Thin, Plain, Recycled, Heavy, Color, Labels, Bond, Letterhead Paper Size: A4, A5, A5R, A6, B5, Custom Size: 101.6 x 148.0 mm to 216.0 x 355.6 mm Paper Weight: 60 to 163 gsm Dimensions (W x D x H): 642 x 657 x 456 mm (attached to the main unit) Weight: Approx. 19 kg
Cassette Feeding Unit-AT1	Paper Capacity: 1,500 Sheets (500 sheets x 3 (80 gsm)) Paper Type: Thin, Plain, Recycled, Heavy, Color, Labels, Bond, Letterhead Paper Size: A4, A5, A5R, A6, B5, Custom Size: 101.6 x 148.0 mm to 216.0 x 355.6 mm Paper Weight: 60 to 163 gsm Dimensions (W x D x H): 642 x 657 x 456 mm (attached to the main unit) Weight: Approx. 24 kg

## Output Options\*

Finisher Model	* Paper capacity may vary with different paper type/size. Tray Capacity (with 80 gsm paper/same paper type): Upper Tray: A4, A5R, B5: 400 Sheets Lower Tray: A4, A5R, B5: 100 Sheets Main Unit Output Tray: A4, A5, A5R, A6, B5: 400 Sheets Paper Type: Thin, Plain, Recycled, Heavy, Color, Bond, Letterhead, Envelope* * Only for main unit output tray Staple Paper Weight: 60 to 120 gsm (available with upper tray) Staple Position: Corner Staple Paper Size: A4, Custom Size (210.0 x 279.4 mm to 216.0 x 355.6 mm) Staple Capacity: A4: 30 Sheets (60 to 90 gsm), 20 Sheets (91 to 120 gsm)
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## 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-AT1, Remote Fax Kit-A1, IP Fax Expansion Kit-B1

## Other Options

Accessibility Accessories	ADF Access Handle-A1
Staple Cartridge	Staple-P1



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