



# imageFORCE 1643/1643F/1643P



imageFORCE 1643/1643F

imageFORCE 1643P

## SPECIFICATIONS

### Main Unit

<b>Technology/Type</b>	1643/1643F: Laser/A4 Monochrome Multifunction Printer 1643P: Laser/A4 Monochrome Single-function Printer
<b>Core Functions</b>	1643: Print, Copy, Scan, Send 1643F: Print, Copy, Scan, Send and Fax 1643P: Print
<b>Control Panel</b>	1643/1643F: 7 inch TFT LCD WVGA Color Touch Panel 1643P: 5 Line LCD
<b>Memory</b>	2.0 GB RAM
<b>Processor</b>	1.6 GHz Dual Core, 800 MHz Single core
<b>Storage</b>	1643/1643F: 64 GB eMMC (available space 30 GB) 1643P: 32 GB eMMC (available space 15 GB)
<b>Interface Connections</b>	1643/1643F: NETWORK Standard: 1000Base-T/100Base-TX/10Base-T, Wireless LAN (IEEE 802.11 b/g/n)  OTHERS Standard: USB 2.0 (Host) x2, USB 2.0 (Device) x1  1643P: NETWORK Standard: 1000Base-T/100Base-TX/10Base-T, Wireless LAN (IEEE 802.11 b/g/n)  OTHERS Standard: USB 2.0 (Host) x1, USB 2.0 (Device) x1
<b>Paper Sources (Letter, 20 lb. Bond)</b>	Standard: 550-Sheet Paper Cassette, 100-Sheet Multi-Purpose Tray  Optional: 550-Sheet Paper Cassette (Paper Feeder PF-C1)
<b>Paper Capacity (Letter, 20 lb. Bond)</b>	Standard: 650 Sheets Maximum: 2,300 Sheets
<b>Output Capacity (Letter, 20 lb. Bond)</b>	Standard: 150 Sheets Maximum: 150 Sheets
<b>Finishing Capabilities</b>	Collate, Group

<b>Supported Media Types</b>	Paper Cassette: Thin, Plain, Recycled, Color, Heavy, Bond, Letterhead  Multi-Purpose Tray: Thin, Plain, Recycled, Color, Heavy, Bond, Labels, Envelope, Postcard, Letterhead
<b>Supported Media Sizes</b>	Paper Cassette: Letter, Legal, Statement, Executive Custom Size: 4-1/8" x 5-7/8" to 8-1/2" x 14"  Multi-Purpose Tray: Letter, Legal, Statement, Executive, Index Card Envelope: COM10, Monarch, C5 Custom Size: 3" x 5" to 8-1/2" x 14"
<b>Supported Media Weights</b>	Paper Cassettes: 16 lb. Bond to 44.4 lb. Cover (60 to 120 gsm)  Multi-Purpose Tray: 16 lb. Bond to 73.6 lb. Cover (60 to 199 gsm)  Duplex: 16 lb. Bond to 44.4 lb. Cover (60 to 120 gsm)
<b>Warm-up Time</b>	1643/1643F: Quick Startup Mode: 4 Seconds or less <sup>1</sup> From Sleep Mode: 20 Seconds or less <sup>2</sup>  1643P: Quick Startup Mode: 2 Seconds or less <sup>3</sup> From Sleep Mode: 5 Seconds or less <sup>2</sup>
<b>Dimensions (W x D x H)</b>	1643/1643F: 18-7/8" x 20-3/8" x 18" (480 x 518 x 458 mm) 1643P: 16-1/8" x 14-7/8" x 10-7/8" (409 x 376 x 275 mm)
<b>Installation Space (W x D)</b>	1643/1643F: 18-7/8" x 30-3/4" (480 x 780 mm) (Cassette and Back Door Opened)  1643P: 16-1/8" x 26-1/4" (409 x 667 mm) (Cassette and Back Door Opened)
<b>Weight</b>	1643/1643F: Approx. 44.1 lb. (20 kg) <sup>4</sup>  1643P: Approx. 27.6 lb. (12.5 kg) <sup>4</sup>

## SPECIFICATIONS CONTINUED

# imageFORCE 1643/1643F/1643P

<b>Print Specifications</b>	
<b>Print Speed (BW)</b>	Up to 45 ppm (Letter) <sup>5</sup>
<b>First-Print-Out Time (Letter, BW)</b>	Approx. 6.2 Seconds or less
<b>Print Resolution (dpi)</b>	Up to 1200 x 1200 (equivalent)
<b>Standard Page Description Languages</b>	Standard: UFR II, PCL6/PCL5, Adobe® PostScript®3™
<b>Direct Print Supported File Types</b>	PDF, EPS, TIFF/JPEG, and XPS
<b>Printing from Mobile and Cloud</b>	A range of software and MEAP-based solutions (AirPrint, Mopria, IPP Everywhere, Canon PRINT, uniFLOW Online, Universal Print) are available to provide printing from mobile devices or internet-connected devices and cloud-based services <sup>6</sup> depending on your requirements. Please contact your sales representative for further information.
<b>Operating System Standard Printing</b>	Android <sup>7</sup> /Windows® 10 <sup>7</sup> /Windows® 11 <sup>7</sup> /Chrome OS <sup>7</sup> /macOS (11.2.2 or later) <sup>8</sup> /iOS (15.2 or later) <sup>8</sup> /iPadOS <sup>8</sup>
<b>Print Feature</b>	Secure Print, Secure Watermark, Header/Footer, Page Layout, Two-sided Printing, Mixed Paper Sizes/Orientations, Toner Reduction, Poster Printing, Forced Hold Printing, Print Date, Scheduled Printing, Printing Using a Virtual Printer
<b>Fonts</b>	PS: 136 Roman PCL: 93 Roman, 10 Bitmap fonts, 2 OCR fonts, Andalé Mono WT J/K/S <sup>9</sup> (Japanese, Korean, Simplified and Traditional Chinese), Barcode fonts <sup>10</sup>
<b>Operating System</b>	UFR II: Windows® 10/11/Server2016/Server2019/Server2022/Server2025, macOS (10.15 or later) PCL: Windows® 10/11/Server2016/Server2019/Server2022/Server2025 PS: Windows® 10/11/Server2016/Server2019/Server2022/Server2025, macOS (10.15 or later) PPD: Windows® 10/11, macOS (10.15 or later)
<b>Copy Specifications<sup>11</sup></b>	
<b>Copy Speed (BW)</b>	Up to 45 ppm (Letter)
<b>First-Copy-Out Time (Letter, BW)</b>	Approx. 6 seconds or less
<b>Copy Resolution (dpi)</b>	600 x 600 dpi (Platen / Default) 600 x 600 dpi (ADF) 300 x 600 dpi (ADF / Default)
<b>Multiple Copies</b>	Up to 9,999 copies
<b>Magnification</b>	Variable Zoom: 25% to 400% (1% Increments)
<b>Copy Features</b>	Preset R/E Ratios by Area, Two-Sided, Density Adjustment, Original Type Selection, Interrupt Mode, Two-sided Original, Job Build, N on 1, Different Size Originals (LTR-R/LGL are supported), Sharpness, Erase Frame, Copy ID Card, Skip Blank Pages, Free Size Original, Color Mode, Reserved Copy, Copy Sample
<b>Scan Specifications<sup>11</sup></b>	
<b>Type</b>	Single-Pass Duplexing Automatic Document Feeder
<b>Document Feeder Paper Capacity</b>	Up to 50 Sheets (20 lb. Bond)
<b>Document Feeder Supported Media Sizes</b>	Document Feeder Media Size: Legal, Letter, Statement, Custom Size: 1-7/8" x 3-3/8" to 8-1/2" x 14"
<b>Document Feeder Media Weights</b>	One-Sided/Two-Sided Continuous Scanning: 13.3 lb. Bond to 27.9 lb. Bond (50 to 105 gsm)
<b>Platen Scanning Size</b>	Up to 8-1/2" x 14"

<b>Pull Scan Specifications</b>	Color Network ScanGear2. For both TWAIN and WIA Supported OS: Windows® 10/11/Server 2016/Server 2019/Server 2022/Server 2025. As of Dec. 2024.
<b>Scan Resolution (dpi)</b>	Scan for Copy: Up to 600 dpi x 600 dpi Scan for Send: (Push, BW) Up to 600 dpi x 600 dpi, (Pull, BW) Up to 600 dpi x 600 dpi (Push, CL) Up to 300 dpi x 300 dpi, (Pull, CL) Up to 300 dpi x 300 dpi Scan for Fax: Up to 600 dpi x 600 dpi
<b>Scan Method</b>	Push Scan, Pull Scan, Scan to Network, Scan to USB Memory Key, Scan to Mobile Devices, Scan to Cloud (uniFLOW Online)
<b>Scan Speed (Letter, BW/CL)</b>	One-Sided Scanning: 50/50 (300 x 300 dpi, send), 50 (300 x 600 dpi, copy)  Two-Sided Scanning: 100/100 (300 x 300 dpi, send), 100 (300 x 600 dpi, copy)
<b>Send Specifications<sup>11</sup></b>	
<b>Destination</b>	Standard: E-mail/Internet FAX (SMTP), SMB, FTP, WebDAV, Mail Box Available OAuth 2.0 authentication method on Microsoft 365 and Google Workspace
<b>Address Book</b>	LDAP (2,000)/Local (1,600)/Speed dial (200)
<b>Communication Protocol</b>	File: FTP (TCP/IP), SMB (TCP/IP), WebDAV E-mail/I-Fax: SMTP, POP3
<b>File Format</b>	TIFF (MMR), JPEG, PDF (Compact, OCR (Text Searchable), Optimize for Web, PDF/A-1b, Trace&Smooth, Encrypted, Device Signature, User Signature, XPS (Compact, Device Signature, User Signature), Office Open XML (PowerPoint, Word)
<b>Send Features</b>	Original Type Selection, Two-sided Original, Book to Two Pages, Different-size Originals, 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
<b>Fax Specifications<sup>12</sup></b>	
<b>Modem Speed</b>	Super G3: 33.6 kbps G3: 14.4 kbps
<b>Compression Method</b>	MH, MR, MMR, JBIG
<b>Resolution (dpi)</b>	400 x 400 (Ultra Fine), 200 x 400 (Super Fine), 200 x 200 (Fine), 200 x 100 (Normal)
<b>Sending/Receiving Size</b>	Legal, Letter, Statement
<b>FAX Memory</b>	Up to 30,000 Pages (2,000 jobs)
<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
<b>Fax Features</b>	Sender's Name (TTI), Direct Send, Delayed Send, Preview, Job Done Notice, TX Report, Interrupt Transmission, Sequential Broadcasting, Password/Subaddress Sending, Confidential Mailbox, 2 on 1 Log

<b>Security Specifications</b>	
<b>Authentication and Access Control</b>	<p>1643/1643F: 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/uniFLOW<sup>13</sup> (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), Microsoft Entra ID Authentication (Password Login, Card Login), Two-Factor Authentication at LUI/RUI, Access Management System (Access Control)</p> <p>1643P: User Authentication (Card Login, Username and Password Login), Department ID Authentication (Department ID and PIN Login, Function Level Login), uniFLOW Online/uniFLOW<sup>13</sup> (PIN Login, Card Login, Card and PIN Login), Microsoft Entra ID Authentication (Card Login), Two-Factor Authentication at RUI, Access Management System (Access Control)</p>
<b>Document Security</b>	<p>1643/1643F: Print Security (Secure Print, Encrypted Secure Print, Forced Hold Printing, uniFLOW Secure Print<sup>15</sup>), Receive Data Security (Confidential Fax Inbox Forwarding Received Documents Automatically), Scan Security (Encrypted PDF, Device Signature PDF/XPS, User Signature PDF/XPS), 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)</p> <p>1643P: Print Security (Secure Print, Encrypted SecurePrint, Forced Hold Printing, uniFLOW Secure Print<sup>15</sup>)</p>
<b>Network Security</b>	<p>1643/1643F: TLS 1.3 (FIPS 140-3), IPsec (FIPS 140-3), IEEE802.1X authentication, SNMPv3, Firewall Functionality (IP/MAC Address Filtering), Dual Network Support (Wired LAN/ Wireless LAN, Wired LAN/Wired LAN), WPA3 support (Wi-Fi), Enabling/Disabling (Network Applications, Remote UI, USB Interface), G3 FAX separation from LAN, USB Port separation from LAN, Scan and Send -Virus Concerns for E-mail Reception, Cooperating with External Security Audit System (SIEM: Security Information and Event Management)<sup>14</sup></p> <p>1643P: TLS 1.3 (FIPS 140-3), IPsec (FIPS 140-3), IEEE802.1X authentication, SNMPv3, Firewall Functionality (IP/MAC Address Filtering), Dual Network Support (Wired LAN/ Wireless LAN, Wired LAN/Wired LAN), WPA3 support (Wi-Fi), Enabling/Disabling (Network Applications, Remote UI, USB Interface), USB Port separation from LAN, Scan and Send -Virus Concerns for E-mail Reception, Cooperating with External Security Audit System (SIEM: Security Information and Event Management)<sup>14</sup></p>
<b>Device Security</b>	<p>1643/1643F: Standard Storage Initialize, Job Log Conceal Function, Protecting MFP Software Integrity: Verify System at Startup (NIST SP800-193: Protection), Checking MFP Software Integrity &amp; Platform Firmware Resiliency: Automatic System Recovery (NIST SP800-193: Recovery)<sup>15</sup>, Runtime Intrusion Detection: Trellix Embedded Control<sup>16</sup></p> <p>1643P: Standard Storage Initialize, Job Log Conceal Function, Protecting MFP Software Integrity: Verify System at Startup (NIST SP800-193: Protection), Checking MFP Software Integrity &amp; Platform Firmware Resiliency: Automatic System Recovery (NIST SP800-193: Recovery)<sup>15</sup>, Runtime Intrusion Detection: Trellix Embedded Control<sup>16</sup></p>
<b>Device Management and Auditing</b>	Administrator Password, Digital Certificate And Key Management, Audit Log, Cooperating with External Security Audit System (Security Information and Event Management), Security Policy Setting

<b>Environmental Specifications</b>	
<b>Operating Environment</b>	Temperature: 50 to 86 °F(10 to 30 °C) Humidity: 20 to 80 % RH (Relative Humidity/No condensation)
<b>Power Requirements</b>	<p>1643/1643F: 110-127V, 60 Hz, 6.4 A</p> <p>1643P: 110-127V, 60 Hz, 6.2 A</p>
<b>Power Consumption</b>	<p>Maximum: Approx. 1,400 W Sleep Mode: Approx. 1.0 W<sup>17</sup></p> <p>Typical Electricity Consumption (TEC)<sup>18</sup> 120V/US imageFORCE 1643 : 0.39 kWh imageFORCE 1643F : 0.39 kWh imageFORCE 1643P : 0.37 kWh</p>
<b>Environmental Standards</b>	ENERGY STAR® certified EPEAT Silver
<b>Consumables</b>	
<b>Toner Cartridges</b>	T06 TONER BK <sup>19</sup>
<b>Toner Yield (Estimated @8.5% Coverage)</b>	20,500 impressions
<b>Paper Source Options<sup>20</sup></b>	
<b>PAPER FEEDER PF-C1</b>	Paper Capacity: 550 Sheets Paper Type: Thin, Plain, Recycled, Color, Heavy, Bond, Letterhead Paper Size: Letter, Legal, Statement, Executive Custom Size: 4-1/8" x 5-7/8" to 8-1/2" x 14"

<sup>1</sup> Time from device power-on to when the copy icon appears and is enabled to operate on the touch panel display.  
<sup>2</sup> Time from exiting Sleep mode to when printing is operational.  
<sup>3</sup> Time from device power-on until print ready (not print reservation).  
<sup>4</sup> Includes consumables.  
<sup>5</sup> Print speed is based on internal testing. Print speed may vary, depending on the number of copies selected as well as the settings for size, type, and orientation of paper.  
<sup>6</sup> Subscription to a third-party cloud service required. Subject to third-party cloud service provider's Terms and Conditions.  
<sup>7</sup> Need to select the [Use Mopria] check box [OK].  
<sup>8</sup> Need to select the [Use AirPrint] check box [OK].  
<sup>9</sup> Optional PCL International Font Set-A1 is required.  
<sup>10</sup> Optional Barcode Printing Kit-D1 is required.  
<sup>11</sup> Only applies to 1643/1643F models.  
<sup>12</sup> Only applies to 1643F model.  
<sup>13</sup> Requires optional uniFLOW Online/uniFLOW.  
<sup>14</sup> Third-party SIEM system required. Subject to third-party SIEM system's Terms and Conditions.  
<sup>15</sup> This feature is off by default and must be turned on by the administrator. Warm up times are affected once turned on.  
<sup>16</sup> Canon cannot ensure compatibility with all third-party SIEM systems.  
<sup>17</sup> 1.0 W is not available in all circumstances due to certain settings.  
<sup>18</sup> ENERGY STAR Product Specification for Imaging Equipment Version 3.2.  
<sup>19</sup> Includes toner, drum, developer, and waste toner hopper.  
<sup>20</sup> Paper capacity may vary with different paper types/sizes.



1-844-50-CANON

[usa.canon.com/business](https://usa.canon.com/business)



As an ENERGY STAR® Partner, Canon U.S.A., Inc. has certified this model as meeting the ENERGY STAR® energy efficiency criteria through an EPA recognized certification body. ENERGY STAR® and the ENERGY STAR® mark are registered U.S. marks. Canon, imageFORCE and the GENUINE logo are registered trademarks or trademarks of Canon Inc. in the United States and may also be registered trademarks or trademarks in other countries. Canon products offer certain security features, yet many variables can impact the security of your devices and data. Canon does not warrant that use of its features will prevent security issues. Some security features may impact functionality/performance; you may want to test these settings in your environment. Nothing herein should be construed as legal or regulatory advice concerning applicable laws; customers must have their own qualified counsel determine the feasibility of a solution as it relates to regulatory and statutory compliance. Trellix and the Trellix logo are trademarks or registered trademarks of Musarubra US LLC or its subsidiaries in the U.S. and other countries. All other referenced product names and marks are trademarks of their respective owners. All printer output images are simulated. All features presented in this brochure may not apply to all Series and/or products and may be optional; please check with your Canon Authorized Representative for details. Products shown with optional accessories. Subscription to a third-party cloud service required. Subject to third-party cloud service providers terms and conditions. uniFLOW is a registered trademark of NT-ware Systemprogrammierung GmbH. Canon U.S.A. does not provide legal counsel or regulatory compliance consultancy, including without limitation, Sarbanes-Oxley, HIPAA, GLBA, Check 21, or the USA Patriot Act. Each customer must have its own qualified counsel determine the advisability of a particular solution as it relates to regulatory and statutory compliance. Specifications and availability subject to change without notice. Not responsible for typographical errors.

©2026 Canon U.S.A., Inc. All rights reserved.

05/26-0049-14962