

imageCLASS
MF416dw

Canon
Delighting You Always

SMART.
EFFICIENT.
CONVENIENT.
ALL IN ONE



Business *Can* be simple

imageCLASS MF416dw

THE BENCHMARK OF BUSINESS PRINTING



imageCLASS MF416dw marks a new professional standard for business printing. From small, medium to large enterprises, it is highly efficient and geared to boost work productivity in the office. Beyond accelerated print speeds and higher yields, it is also economical, eco-friendly and simple to use. Featuring the newly-improved interface with colour touch-screen display, navigation is made easy and intuitive to use. Optimised for a smart connected office, you can seamlessly connect the device to the network wirelessly and print from your mobile terminals.

PERFORMANCE PRODUCTIVITY



SUPERB PRINT SPEED

Have your first printout ready in 6.3 seconds or less, with print and copy speeds of 33ppm for A4 documents.



HIGHER CAPACITY FOR GREATER POSSIBILITIES

imageCLASS MF416dw handles demanding print volumes with a 50-sheet multi-purpose tray. It also caters for an optional 500-sheet paper feeder for high print volumes of up to 800 sheets.

ADVANCED FUNCTIONALITY



PEACE OF MIND

Use Secure Print to print your confidential data and protect sensitive documents from being seen by an unauthorised person. With Department ID Management, your IT administrator can easily manage the device and evaluate print usage.



REMOTE SUPPORT

With the web-based Remote UI Interface, IT Administrators can now check the printer status and manage print operations in one single interface from the comfort of their own desks.

INTUITIVE CONVENIENCE



WIRELESS CONVENIENCE

Discover a suite of wireless possibilities in your everyday operations. Canon's PRINT Business app enables you to print a variety of file types wirelessly to the printer from both iOS and Android devices. With AirPrint™, you can print documents directly from Apple® devices without the hassle of installing printer drivers, while Google Cloud Print™ compatibility allows you to print to your web connected printer from virtually anywhere. Enjoy the added convenience of contactless printing with the NFC-enabled device, just tap to print.

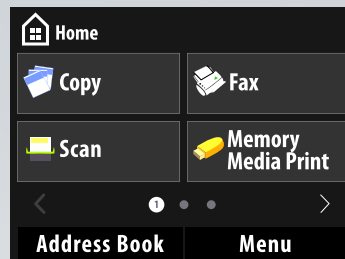


* AirPrint is a trademark of Apple Inc.

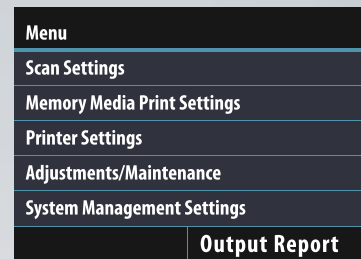


USER-FRIENDLY INTERFACE

Designed with 3.5" QVGA 7-line colour touch-screen LCD display panel for intuitive usage and navigation.



INTUITIVE INTERFACE



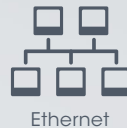
7-LINE COLOUR TOUCH-SCREEN LCD

* Images for illustration purposes only

Cartridge
319
GENUINE

MINIMAL MAINTENANCE

Canon All-in-One toner cartridge 319 requires little upkeep. You also have the luxury of high-yield replacement toner cartridge (up to 6,400 pages) to further lower operating costs and reduce the frequency of replacement.



Ethernet

SEAMLESS NETWORK

Connect to a wireless LAN or Ethernet network for easy printer sharing. For individual usage, you can also connect to any PC via the USB2.0 High Speed port.

ECO-EFFICIENCY



DUPLEX SAVINGS

Save on paper usage with two-sided prints. The duplex printing mode helps you save on paper consumption by printing on both sides, effectively cutting paper usage by half.



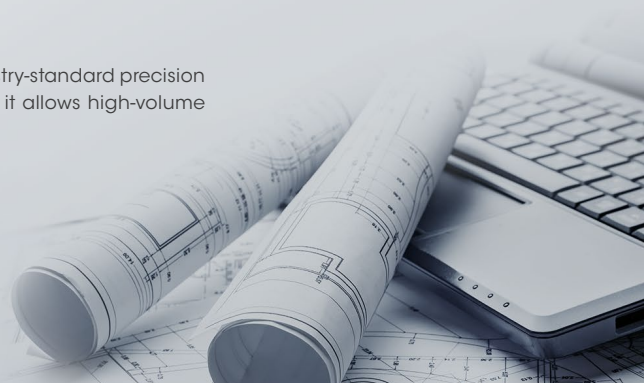
GREEN CAPABILITIES

Reduce power consumption when the printer is not in use with the Sleep Mode. Cut down on paper wastage with the PC Fax feature that enables you to send faxes directly from your PC.

VERSATILE CONNECTIVITY

FOR PRINT PERFORMANCE

imageCLASS MF416dw comes with Adobe® PostScript® 3™ technology to deliver industry-standard precision in graphic and CAD printing. Equipped with high-speed gigabit Ethernet interface, it allows high-volume data transmissions to optimise your workflow.



PRINT		
Print Method	Monochrome Laser Beam Printing	
Print Speed (A4)	Up to 33ppm	
Print Resolution	600 x 600dpi	
Print Quality with Image Refinement Technology	1200 x 1200dpi (equivalent) 2400 (equivalent) x 600dpi	
Warm-up Time (From Power On)	16.0 sec or less	
First Printout Time (FPOT) A4	6.3 sec or less	
Recovery Time (From Sleep Mode)	5.0 sec or less	
Print Language	UFR II, PCL 6, Adobe® PostScript® 3™	
Auto Duplex Print	Standard	
Available Paper Size for Auto Duplex Print	A4, Legal ¹⁾ , Letter, Foolscap, Indian Legal	
Print Margins	10mm - top, bottom, left, right (Envelope Size) 5mm - top, bottom, left, right (Other than Envelope Size)	
Direct Print from USB	Supported File format: JPEG, TIFF, PDF	
Print Features	Poster, Booklet, Watermark, Page Composer, Toner Saver	
COPY		
Copy Speed (A4)	Simplex	Up to 33ppm
Copy Resolution	Up to 600 x 600dpi	
First Copy Time (FCOT) A4	10.0 sec or less	
Maximum Number of Copies	Up to 999 copies	
Reduce / Enlargement	25 - 400% in 1% increments	
Copy Features	Frame Erase, Memory Sort, 2 on 1, 4 on 1, ID Card Copy	
SCAN		
Scan Type	Colour Contact Image Sensor	
Scan Resolution	Optical: Up to 600 x 600dpi, Driver Enhanced: Up to 9600 x 9600dpi	
Scan Speed	Approx. 3 sec per sheet (Monochrome) Approx. 7 sec per sheet (Colour)	
Colour Depth	24-bit	
Duplex Scan	Yes	
Pull Scan	Yes, USB and Network	
Push Scan (Scan To PC) with MF Scan Utility	Yes, USB and Network	
Scan to USB (via USB Host)	Yes	
Scan to Cloud	MF Scan Utility	
Scan Features	TWAIN, WIA (Scan Driver Compatibility)	
SEND		
Send Method	SMB, E-mail, FTP, iFAX Simple	
Colour Mode	Full Colour, Grayscale, Monochrome	
Scan Resolution	300 x 300dpi, 200 x 200dpi	
File Format	JPEG, TIFF, PDF, Compact PDF, PDF (OCR)	
FAX		
Modem Speed	Up to 33.6Kbps	
Fax Resolution	Up to 406 x 391dpi	
Compression Method	MH, MR, MMR, JBIG	
Memory Capacity ²⁾	Up to 512 pages	
Favourite Dials (in address book)	19 dials	
Coded Dials	Up to 281 dials	
Group dials / Destinations	Max. 199 dials / Max. 199 destinations	
Sequential Broadcast	Max. 310 destinations	
Receive Mode	Fax Only, Manual, Answering, Fax / Tel Auto Switch	
Memory Backup	Permanent fax memory backup, (Backup with flash memory)	
Fax Features	Fax Forwarding, Dual Access, Remote Reception, PC Fax (Transmission only), DRPD, ECM, Auto Redial, Fax Activity Reports, Fax Activity Results Reports, Fax Activity Management records	
Transmission Time	Approx. 3 sec	

¹⁾ Legal size refers to paper size measuring 215.9 x 355.6mm (8.5 x 14inch).

²⁾ Based on ITU-T #1 Chart (standard mode).

³⁾ The latest drivers for Mac OS and Linux can be downloaded from "www.canon-asia.com" when available.

⁴⁾ Only the print function is supported for Linux.

⁵⁾ Measured in accordance with ISO 7779, declared noise emission in accordance with ISO 9296.

⁶⁾ "Inaudible" means that each sound pressure level at bystander's position is less than the ISO 7779 absolute criterion value for background noise level.

⁷⁾ Toner cartridge yield is in accordance with ISO/IEC 19752.

PAPER HANDLING		
Duplex Auto Document Feeder (DADF) (Based on 80g/m ²)	50 sheets	
Available Paper Size for ADF	A4, B5, A5, B6, Letter, Legal, Statement (Min. 128 x 139.7mm to Max. 215.9 x 355.6mm)	
Paper Input (Based on Plain Paper 60-99g/m ²)	Standard Cassette	250 sheets
	Multi-Purpose Tray	50 sheets
	Optional Paper Feeder	500 sheets
	Maximum Paper Capacity	800 sheets
Paper Output	150 sheets (face down), 1 sheet (face up)	
Paper Sizes	Standard Cassette / Optional Paper Feeder	A4, B5, A5, Legal, Letter, Statement, Executive, Government Letter, Government Legal, Foolscap, Indian Legal Custom: Min. 105 x 148mm to Max. 215.9 x 355.6mm
	Multi-Purpose Tray	A4, B5, A5, Legal, Letter, Statement, Executive, Government Letter, Government Legal, Foolscap, Indian Legal, Postcard, Index card Envelope: COM10, Monarch, C5, DL Custom: Min. 76.2 x 127mm to Max. 215.9 x 355.6mm
Paper Types	Plain, Heavy, Recycled, Colour, Label, Postcard, Envelope	
Paper Weight	Standard Cassette / Optional Paper Feeder	60 - 128g/m ²
	Multi-Purpose Tray	60 - 163g/m ²
CONNECTIVITY & SOFTWARE		
Standard Interfaces	Wired	USB Device 2.0 High-Speed, 10/100/1000 Base-T Ethernet (Network)
	Wireless	Wi-Fi 802.11b/g/n (Infrastructure mode, WPS Easy Setup), Direct Connection
Near Field Communication (NFC)	Yes (Passive)	
Network Protocol	Print: LPD, RAW, WSD-Print (IPv4, IPv6); Scan: Email, SMB, WSD-Scan (IPv4, IPv6); TCP/IP Application Services: Bonjour(mDNS), HTTP, HTTPS, POP before SMTP (IPv4, IPv6), DHCP, ARP-PING, Auto IP, WINS (IPv4), DHCPv6 (IPv6) Management: SNMPv1, SNMPv3 (IPv4, IPv6)	
Network Security	Wired	IP/Mac address filtering, HTTPS, SNMPv3, IEEE802.1x
	Wireless	WEP 64/128 bit, WPA-PSK (TKIP/AES), WPA2-PSK (AES)
One-Push Wireless Configuration	Wi-Fi Protected Setup (WPS)	
Department ID	Yes, up to 300 IDs	
Mobile Solutions	Canon PRINT Business, AirPrint™, Mopria® Print Service, Google Cloud Print™, Canon Print Service	
Address Book	LDAP	
Compatible Operating Systems ³⁾	Windows® 10, Windows® 8.1, Windows® 8, Windows® 7, Windows® Vista, Windows® Server 2012 R2, Windows® Server 2012, Windows® Server 2008 R2, Windows® Server 2008, Windows® Server 2003 R2, Windows® Server 2003, Mac OS X 10.6 & up, Linux ⁴⁾	
Software Included	Printer driver, Fax driver, Scanner driver, Network Scan Utility, MF Scan Utility, Presto! PageManager, Toner Status	
GENERAL SPECIFICATIONS		
Device Memory	1GB	
LCD Display	3.5" QVGA Colour Touch-Screen	
Dimensions (W x D x H)	Normal State: 390 x 473 x 431mm With the installation of Optional Paper Feeder: 390 x 473 x 566.7mm	
Weight	18.5kg (without cartridge) 19.2kg (with cartridge)	
Power Consumption	Maximum	1,160W or less
	Average (During Operation)	Approx. 590W
	Average (During Standby)	Approx. 9.4W
	Average (During Sleep)	Approx. 1.4W (USB), Approx. 1.5W (wired LAN), Approx 2.1W (wireless LAN)
Noise Levels ⁵⁾	During Operation	Sound Pressure Level (Bystander's position): 53.0dB, Sound Power Level: 70.6dB or less
	During Standby	Sound Pressure Level (Bystander's position): Inaudible ⁶⁾ , Sound Power Level: 53dB or less
Operating Environment	Temperature: 10 - 30°C Humidity: 20% - 80% RH (no condensation)	
Power Requirements	AC 220 - 240V (+/-10%), 50/60Hz (+/-2Hz)	
Toner Cartridge ⁷⁾	Cartridge 319: 2,100 pages, Cartridge 319 II: 6,400 pages	
Monthly Duty Cycle ⁸⁾	Up to 50,000 pages	
OPTIONAL ACCESSORIES		
Paper Feeder	Paper Feeder PF-44 (500 sheets)	

⁸⁾ Monthly Duty Cycle serves as a means of comparison for product robustness in relation to other Canon multi-function laser devices. It does not refer to the actual maximum image output per month.

Canon

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