Printing Method	Colour Laser Beam Printing
Print Speed	
A4	21 / 21 ppm (Mono / Colour)
Letter	22 / 22 ppm (Mono / Colour)
2-Sided	12 / 12 ppm (Mono / Colour)
Print Resolution	600 x 600 dpi
Print Quality with Image Refinement Technology	$1,200 \times 1,200$ dpi (eq.)
Warm up Time (From Power On)	13 sec or less
First Print Out Time (FPOT)	
A4	Approx. 10.4 / 10.5 sec (Mono / Colour)
Letter	Approx 10.3 / 10.3 sec (Mono / Colour)
Recovery Time (From Sleep Mode)	6.1 sec or less
Print Language	UFR II, PCL 6, Adobe® PostScript® 3™
Auto Duplex Print	Standard
Available Paper Size for Auto Duplex Print	A4, B5, Letter, Legal, Executive, Foolscap, Indian Legal
Print Margins	5mm - top, bottom, left and right (Envelope: 10mm)
Print Features	Poster, Booklet, Watermark, Page Composer, Toner Saver
Supported File Format for USB Direct Print	Supported File Format: JPEG, TIFF, PDF

Copy

Copy Speed A4	
A4	21 / 21 ppm (Mono / Colour)
Letter	22 / 22 ppm (Mono / Colour)
Copy Resolution	600 x 600dpi
First Copy Out Time (FCOT)	
A4	Approx. 11.4 / 13.4 sec (Mono / Colour)
Letter	Approx. 11.2 / 13.1 sec (Mono / Colour)
Maximum Number of Copies	Up to 999 copies
Reduce/Enlargement	25 - 400% in 1% increments
Copy Features	Frame Erase, Collate, 2 on 1, 4 on 1, ID Card Copy, Passport Copy

Scan

Scan Resolution	
Optical	Platen glass: up to 600 x 600dpi
	Feeder: up to 300 x 300dpi
Driver Enhanced	Up to 9,600 x 9,600 dpi
Scan Type	Colour Contact Image Sensor
Maximum Scan Size	
Platen Glass	Up to 216.0 x 297mm
Feeder	Up to 216.0 x 355.6mm
Scan Speed*1	1-Sided: 26.1 ipm (mono), 13.3 ipm (colour)
	2-Sided: 51.2 ipm (mono), 26.1 ipm (colour)
Colour Depth	24-bit
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 2.0)	Yes
Scan To Cloud	MF Scan Utility
Scan Driver Compatibility	TWAIN, WIA

Send

SEND Method	SMB, Email, FTP, iFAX Simple
Colour Mode	Full Color, Grayscale, Monochrome
Scan Resolution	300 x 600pi
File Format	JPEG, TIFF, PDF, Compact PDF, PDF (OCR)

Fax

Modem Speed	Up to 33.6 Kbps
Fax Resolution	Up to 408 x 392 dpi
Compression Method	MH, MR, MMR, JBIG
Memory Capacity*2	Up to 512 pages
Favourite Dials (in address book)	19 dials
Speed Dial (Coded dials)	Up to 281 dials
Group dials / Destinations	Max. 299 dials / Max. 299 destinations
Duplex Fax (Transmission)	Yes
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 Result Reports, Fax Activity Management Reports
Transmission Time	Approx. 2.6 sec

Paper Handling

Auto Document Feeder (ADF)	DADF: 50 sheets (80g/m2)
Available Paper Size for DADF	A4, B5, A5, Letter, Legal, Statement (Min. 128 x 139.7mm to Max. 216.0 x 355.6mm)
Paper Input (based on 80g/m2)	
Standard Cassette	250 sheets
Multi-Purpose Tray	1 sheet
Optional Paper Feeder	N/A
Maximum Paper Input Capacity	251 sheets
Paper Output	100 sheets
Paper Sizes	

Cassette	A4, B5, A5, Letter, Legal, Statement, Executive, Government Letter, Government Legal, Foolscap, Indian Legal
	Custom (Min. 76.2 x 127.0mm to Max. 216.0 x 355.6mm)
Multi-Purpose Tray	A4, B5, A5, Letter, Legal, Statement, Executive, Government Letter, Government Legal, Foolscap, Indian Legal, Index Card
	Envelope: COM10, Monarch, C5, DL
	Custom (Min. 76.2 x 127.0mm to Max. 216.0 x 355.6mm)
Optional Paper Feeder	N/A
Paper Types	Plain, Thick, Coated, Recycled, Colour, Label, Postcard, Envelope
Paper Weight	
ADF	50 to 105g/m2
Cassette / Optional Paper Feeder	60 to 200g/m2
Multi-Purpose Tray	60 to 200g/m2

Connectivity & Software

Standard Interfaces	
Wired	USB 2.0 High Speed, 10Base-T/100Base-TX/1000Base-T
Wireless	Wi-Fi 802.11b/g/n
	(Infrastructure mode, WPS easy Setup, Direct Connection)
Near Field Communication (NFC)	N/A
Network Protocol	
Print	LPD, RAW, WSD-Print (IPv4,IPv6)
Scan	Email, SMB, WSD-Scan(IPv4, IPv6), FTP
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, IPSEC
Wireless	WEP 64/128 bit, WPA-PSK (TKIP/AES), WPA2-PSK (AES)
One-Push Wireless Configuration	Wi-Fi Protected Setup (WPS)
Other Features	Department ID, Secure Print, Application Library
Mobile Solution	Canon PRINT Business, Canon Print Service, Google Cloud Print™, Apple® AirPrint®, Mopria® Print Service
Address Book	LDAP
Compatible Operating Systems*3	Windows® 10, Windows® 8.1, Windows® 7, Windows Server® 2016, Windows Server® 2012 R2, Windows Server® 2012, Windows Server® 2008 R2, Windows Server® 2008
	Mac® OS X 10.9.5 & up*4, Linux*4
Software Included	Printer driver, Fax driver, Scanner driver, MF Scan Utility, Toner Status

General

Device Memory	1 GB

LCD Display	WVGA Colour LCD 5.0" Touch Screen Display
Dimensions (W x D x H)	451 x 460 x 413mm
Weight	20.5 kg
Power Consumption	
Maximum	850W or less
Average (During Copy)	Approx. 370W
Average (During Standby)	Approx. 11W
Average (During Sleep)	Approx. 0.8W (USB/ LAN / Wi-Fi)
Noise Levels*5	
During Operation	Sound Pressure Level: 51dB
	Sound Power Level: 69.4dB
During Standby	Sound Pressure Level: Inaudible
	Sound Power Level: 43dB
Operating Environment	
Temperature	10 - 30°C
Humidity	20% - 80% RH (no condensation)
Power Requirements	AC 220-240 V (±10%), 50/60 Hz (±2Hz)
Toner Cartridge*6	
Standard	Cartridge 054 BK: 1,500 pages (bundled: 1,500 pages)
	Cartridge 054 C/M/Y: 1,200 pages (bundled: 680 pages)
High	Cartridge 054H BK: 3,100 pages
	Cartridge 054H C/M/Y: 2,300 pages
Monthly Duty Cycle*7	30,000 pages