Engine/General Specifications

Configuration	Desktop
Scanning Element	Flatbed scanner with full color contact image sensor (CIS)
Printing Process	Electro-photographic printing
Toner Type	Dry, single component
Control Panel	7" Smart Operation Panel
Color / Black & White	Color
Output Speed Copy/Print	30 ppm
First Page Out Time	B&W: 7.2 seconds Color: 8.6 seconds
Warm-Up Time	25 seconds
Recovery Time From Sleep Mode	9.9 seconds
Resolution	Up to 1200 x 1200 dpi
System Memory	2 GB RAM
Maximum Copy Quantity	999 Copies
Duplexing	Automatic (Standard)
Document Feeder Type	Single Pass Document Feeder (SPDF)
Document Feeder Original Size	5.5" x 5.5" to 8.5" x 23.6" (140 x 140 mm to 216 x 600 mm)

Document Feeder Paper Weight	14 □ 34 lb. Bond (52 □ 129 g/m2)
Document Feeder Capacity	50 Sheets
Preset Reduction and Enlargement Ratios	65%, 78%, 93%, 129%, 155%
Zoom Range	25% to 400% in 1% increment
Exposure Glass Size	Up to 8.5" x 11.7"
Maximum Original Size	Platen: Up to 8.5" x 11.7"/A4 (216 x 297 mm) SPDF: Up to 8.5" x 23.6" (216 x 600 mm)
Supported Paper Sizes	Paper Tray: 3.25" x 5.83" □ 8.5" x 14.0" Bypass Tray: 2.52" x 5.0" □ 8.5" x 49.6
Supported Paper Weights	All Trays: 16-59 lb. bond (56-220g/m2)
Supported Paper Types	Plain, Thick, Thin, Recycled, Color, Letterhead, Preprinted, Bond, Cardstock, Label, Glossy, Coated, Envelopes
Standard Paper Capacity	1 x 250-sheet Tray + 100-sheet Bypass Tray
Maximum Paper Capacity	850 sheets
Standard Output Capacity	150 sheets
Maximum Monthly Volume	Up to 7,500 prints

Maximum Duty Cycle	75,000 prints
Power Source	120 V, 60Hz, 11A
Typical Electricity Consumption (TEC)	0.498 kWh/week TEC value is measured based on the ENERGY STAR Ver.3.0 test method.
Power Consumption	Operating: B&W: 469 W / Color: 512 W Sleep Mode: 1.4 W
Energy Star	Certified
EPEAT status	Silver
Dimensions W x D x H	16.5" x 21.3" x 21.5" (420 x 540 x 547 mm)
Weight	91.5 lbs. (41.5 kg)

Printer Specifications

Processor Speed	1.2 GHz
Interfaces	Gigabit Ethernet (1000BASE-T/100BASETx/10BASE-T) USB 2.0 USB 2.0 Host IEEE802.11a/b/g/n
Network Protocol	TCP/IP, Bonjour, DDNS
Supported Operating Systems	Windows: 7, 8.1, 10, Server 2008/R2, Server 2012/R2, Server 2016 Macintosh: OS X 10.9 or later Citrix, Linux, Unix, SAP R/3, IBM iSeries/AS/400 using OS/400 Host Print Transform
Device Management Utilities	@Remote, Device Manager NX, Printer Driver Packager, Web Image Monitor

Printer Languages	PCL5c/6, PostScript3, PDF Direct Print
Font Support	PCL/PS3: 93 fonts
Print Resolution	Up to 1200 x 1200 dpi
Mobile Printing Support	RICOH Smart Device Connector, AirPrint®, Google Cloud Print□(Available Spring 2018), Mopria®
Other Print Features	Billing Code, Booklet (Magazine) Print, Banner Page Print, Black Over Print, CMYK Simulation, Collate, Dithering, Duplexing, Do Not Print Blank Pages, Front Cover Sheet, Header/Footer, Layout/N-up Printing, Locked Print, Mirror Image Print, Mobile Device Printing, Reduce/Enlarge Print, Reverse Order Print, Rotate Print, User Codes, Watermarks
Security Features	User Code Authentication, 802.1x Wired Authentication, Authentication Pwd Encryption, SSL/TLS, SMTP over SSL/TLS, Network Protocol On/Off, IP Filtering, SMTP over SSL, Windows Active Directory Support, Wireless LAN Security, Windows Authentication, LDAP Authentication, Kerberos, Basic Authentication

Scanner Specifications

Scanning Resolution	Color and B&W: up to 600 dpi
Scan Area	Up to 8.5" x 14"
Protocols	Network: TCP/IP Email: SMTP Scan-to Folder: SMB
File Formats	JPEG, Single/Multi Page TIFF, Single/Multi Page PDF

Scan Modes	BW Text, BW Text/Photo, Gray Scale, Full Color Text/Photo, Full Color Glossy Photo
	Scan-to-Email (POP, SMTP); Scan-toFolder (SMB); Scan-to-Media (USB); TWAIN; Network TWAIN

Fax Specifications

Fax Resolution	Up to 200 dpi
Compression Method	MH, MR, MMR
Scanning Speed	28 spm
Modem Speed	33.6 Kbps with automatic fallback
Transmission Speed	Approximately 3 seconds/page - ITU No.1 chart, Compression: MMR, Resolution: 200x100 dpi, Standard speed: 33.6
SAF Memory	SAF Memory: 2 GB Page Memory: 4 GB
Max Auto Dials	400
Group Dials	20
Fax Features	LAN-Fax, Fax Forwarding to E-Mail/ Folder, LDAP support, PSTN, PBX