

Engine/General Specifications

Configuration	Desktop
Scanning Element	One-dimensional solid scanning through CCD; CIS sensor; scans both sides of a page in a single pass
Printing Process	Dry electrostatic transfer system with dual component development; 4-drum method
Control Panel	10.1" Smart Operation Panel
Color / Black & White	Color
Output Speed Copy/Print	31 ppm
First Page Out Time	Color: less than 11 seconds Black and White: less than 7.2 seconds
Recovery Time From Sleep Mode	8.2 seconds
Resolution	600 x 600 dpi (Print: 1,200 x 1,200 dpi)
System Memory	2 GB
Maximum Copy Quantity	Up to 999 copies
Duplexing	Automatic (Standard)
Document Feeder Type	Single Pass Document Feeder (SPDF) (Standard)

Preset Reduction and Enlargement Ratios	65%, 78%, 93%, 100%, 129%, 155%
Zoom Range	25% to 400% in 1% increments
Exposure Adjustment	Manual and automatic
Exposure Glass Size	Up to 8.5" x 14"
Maximum Original Size	8.5" x 14" (216 x 356 mm)
Supported Paper Sizes	Standard Tray: 5.5" x 8.5" to 8.5" x 11" Optional Trays: 5.5" x 8.5" to 8.5" x 14" Bypass Tray: 3.0" x 5.4" to 8.5" x 23.6" Duplex Unit: 5.5" x 8.5" to 8.5" x 14"
Supported Paper Weights	Standard Trays: 16 - 43 lb. Bond (60 - 163 g/m2) Optional Trays: 16 - 43 lb. Bond (60 - 163 g/m2) Bypass Tray: 16 - 58 lb. Bond (60 - 220 g/m2) Duplex Unit: 16 - 43 lb. Bond (60 - 163 g/m2)
Supported Paper Types	Plain, Recycled, Colored, Letterhead, Preprinted, Bond, Card Stock, Special, Coated, Waterproof, Back Copied, Thick*, OHP (Transparency)*, Envelopes*, Label Stock*
Standard Paper Capacity	250 sheets + 100-Sheet Bypass Tray
Maximum Paper Capacity	1350

Standard Output Capacity	Standard: 100 sheets, Optional: 200 sheets (total) with One Bin Tray
Maximum Monthly Volume	5000
Power Source	120~ 127V, 60Hz, 10A
Typical Electricity Consumption (TEC)	1.2 kWh/week
Power Consumption	1.3KW or less; Sleep Mode: .81W
Energy Star	Certified
EPEAT status	Gold
Dimensions W x D x H	19.6" x 23" x 20.1" (498 mm x 585 mm x 510 mm)
Weight	Less than 101.4 lbs. (46 kg)
Standard Features	Document Server, Java□ Poster Copy, ID Card Copy, Auto Tray Switch, Auto Start, Auto Off Timer, Energy Saver Timer, Color Balance Adjustment, Color Balance Program, Auto Color Calibration, Combine Copy, Electronic Sort, Photo Mode, Series Copy, Job Programs, User Codes (1,000), Simplified Display, Login/Logout Button, Eco-friendly Indicator

Printer Specifications

Processor Speed	1.46 GHz Intel
Hard Disk Drive	320GB HDD

Interfaces	Standard: Ethernet (10BASE-T/100BASE-TX/1000BASE-T), USB 2.0 (Type A), SD Slot Optional: Wireless LAN IEEE 802.11a/b/g/n and IEEE 1284/ECP, USB 2.0 Type B
Network Protocol	TCP/IP (IPv4, IPv6)
Supported Operating Systems	Windows Vista/7/8/8.1/10/Server 2008/Server 2008R2/Server 2012/Server 2012R2; UNIX Filters for Sun Solaris 9/10; HP-UX 11.x/11iv2/11iv3; Red Hat® Linux Enterprise V4, V5, V6; SCO OpenServer 5.0.7/6.0; IBM AIX Version 5L, 5.3, 6.1, 7.1; SAP R/3, device type: barcode and OCR package; Mac OSX 10.8 or later, Citrix® XenApp 6, 5+, Xen Desktop 7.0+; IBM iSeries/AS/400 □ using OS/400 host print transform
Device Management Utilities	@Remote, Device Manager NX, Web Image Monitor
Printer Languages	Standard: PCL5c/6, PostScript, PDF Direct Optional: XPS Direct Print, Adobe® PostScript® 3 □ PDF Direct
Print Resolution	1200 x 1200 dpi
Security Features	Network User Authentication, IP Address Filtering, HDD Data Overwrite, HDD Encryption, Copy Guard Security, Secure Print, Encrypted Secure Print, Encrypted PDF Mode, Digitally Signed PDF, IP Sec, SSL/TLS, SNMPv3, SMTP over SSL, Security for IEEE 802.11i/w, IPv6, Transport Layer Security

Scanner Specifications

Scan Speed BW Full Color	80 ipm @ 300 dpi Full-Color and B&W Duplex
Scanning Resolution	100, 200, 300, 400, 600 dpi
Scan Area	Main: 8.5" (216 mm); Sub: 14.0" (356 mm)
Standard Interfaces	Ethernet (10BASE-T/100BASE-TX/1000BASE-T), USB 2.0 (Type A), SD Slot
Optional Interfaces	Wireless LAN IEEE 802.11a/b/g/n and IEEE 1284/ECP, USB 2.0 Type B
File Formats	Single/Multi Page TIFF, Single/Multi Page PDF, Single/Multi Page High Compression PDF, Single/Multi Page PDF/A and Single Page JPEG
Scan Modes	B&W: Text, Text/Line Art, Text/Photo, Photo, Grayscale Full-Color: Text/Photo, Glossy Photo, Standard Auto Color Select
Memory Capacity	2 GB
Scanning Features	WS-Scanner, Scan to Email/SMB/FTP/URL, Scanned File Naming, Scan File Type Selection, LDAP Support, Preview Before Transmission, PDF Encryption, Drop Out Color Send, TWAIN Scan, Universal Send, PDF/Digitally Signed PDF/PDF/A, Distributed Scan Management, PageKeeper

Fax Specifications

Type	ITU-T (CCITT) G3
Fax Option Type	M28
Circuit	PSTN, PBX
Compatibility	ITU-T (CCITT) G3
Fax Resolution	200 x 100 dpi, 200 x 200 dpi
Compression Method	B&W: TIFF (MH, MR, MMR, JBIG2), Grayscale; Full-Color: JPEG
Scanning Speed	30 pages per minute
Modem Speed	33.6K - 2,400 bps with Auto Shift Down
Transmission Speed	Approx. 2 seconds/page (200 x 100 dpi, JBIG)
Memory	4 MB (approx. 320 pages)
Group Dials	100 groups (max. 500 numbers per group)
Fax Features	Detection of Misplaced Documents, Double Check Destination Address, Direct SMTP, Serial Broadcasting, Fax Forward to Email/Folder, Internet Fax (T.37), IP Fax (T.38), LAN Fax, Remote Fax (optional), Paperless Fax, LDAP Support, Universal Send