

Engine/General Specifications

Configuration	Console
Scanning Element	One-Dimensional Solid Scanning Through CCD
Printing Process	Single Laser Beam Scanning & Electrophotographic Printing
Toner Type	Dry, Dual Component
Control Panel	10.1" Smart Operation Panel
Color / Black & White	Black & White
Output Speed Copy/Print	60 ppm
First Page Out Time	2.9 Seconds
Warm-Up Time	Less than 24 seconds
Recovery Time From Sleep Mode	8.7 seconds
Resolution	600 x 600 dpi
System Memory	2 GB RAM + 320 GB HDD (Shared)
Maximum Copy Quantity	Up to 999
Document Feeder Type	Standard Single Pass Document Feeder (SPDF)

Document Feeder Original Size	5.5" x 8.5" - 11" x 17" (A5 - A3)
Document Feeder Paper Weight	Simplex: 11 - 34 lb. Bond (40 - 128 g/m ²) Duplex: 14 - 34 lb. Bond (52 - 128 g/m ²)
Document Feeder Capacity	220 sheets
Preset Reduction and Enlargement Ratios	Ratios 25%, 50%, 65%, 73%, 78%, 85%, 93%, 100%, 121%, 129%, 155%, 200%, 400%
Zoom Range	25% to 400% in 1% increments
Original Type	Book/Sheet/Object
Maximum Original Size	Up to 11" x 17"
Supported Paper Sizes	Tray 1 & 2: 5.5" x 8.5" - 11" x 17" (A6 - A3) Bypass Tray: 5.5" x 8.5" - 12" x 18" (A6 - A3)
Supported Paper Weights	Tray 1 & 2: 16 - 80 lb. Bond (60 - 300 g/m ²) Bypass: 14 - 80 lb. Bond (52 - 300 g/m ²) Duplex: 14 - 68 lb. Bond (52 - 256 g/m ²)
Supported Paper Types	Plain, Recycled, Colored, Special, Letterhead, Preprinted, Pre-punched, Bond, Cardstock, Envelope, OHP*, Label*
Standard Paper Capacity	1,200 sheets (550 sheets x 2 trays, and 100-Sheet Bypass Tray)
Maximum Paper Capacity	2,200 sheets

Standard Output Capacity	500 sheets
Maximum Output Capacity	3,625 sheets (Bridge Unit + 1 Bin + 3,000-Sheet Finisher)
Maximum Monthly Volume	50000
Power Source	120V/60Hz/12A
Typical Electricity Consumption (TEC)	2.6 kWh/week
Power Consumption	Less than 1.6kW
Energy Star	Certified
EPEAT status	Gold
Dimensions W x D x H	23.1" x 26.9" x 37.9" (587 x 684 x 963mm) (includes standard SPDF)
Weight	168.6 lbs. (76.5) kg
Standard Features	Auto Paper Select, Auto Tray Switch, Auto Image Density, Auto Text & Photo Separation, Auto Start, Auto Off Timer, Booklet/Magazine Copy, Shift/Erase/Margin Adjustment, Combine (Layout), Cover/Chapter/Slip Sheets Insertion, Image Rotation, Document Server (3,000 File Capacity) with Folder Management and Password Protection, Web Browser, Duplex, Electronic/Rotate Sorting, 8 Job Presets, 25 Job Programs, Negative/Positive, Sample Copy, Series Copy, Simplified Display, 1,000 User Codes, Stamps/Numbering, Interrupt Copy, Login/Logout Button, System Reset Timer,

Import/Export of Preference
Settings, Eco-Friendly Indicator,
Centralized Address Book
Management

Printer Specifications

Processor Speed	Intel® Atom Processor 1.46 GHz
Hard Disk Drive	320GB HDD
Interfaces	Standard on Device: 10Base-T/100Base-TX/1000Base-T Ethernet, USB Host Type A I/F (2 ports on back of device) Standard on Operation Panel: USB Host Type A: 1 Port/Supports USB Flash Memory, USB Host Type A: 1 Port/Supports Optional Keyboard, etc., USB Host Type Mini B and SD Card Slot Optional: IEEE 1284/ECP
Network Protocol	TCP/IP (IPv4, IPv6)
Supported Operating Systems	Windows Vista/7/8/8.1/10, Server 2008/2008R2/2012/2012R2; Unix Filters for Sun Solaris 9/10, HP-UX 11.x/11i v2/11i v3, SCO OpenServer 5.0.7/6.0, Red Hat Linux Enterprise V4/V5/V6, IBM AIX 5L/V5.3/V6.1/V7.1, Mac OS X 10.7 or later, SAP R/3, IBM iSeries AS/400® using OS/400 Host Print Transform, Citrix Xen App 6.5 or later
Device Management Utilities	Web Image Monitor, Embedded @Remote, @Remote Office Appliance, @Remote Connector NX, @Remote Enterprise Pro, Device Manager NX Lite and Accounting, Device Manager NX Pro and Enterprise, Printer Driver Packager NX

Printer Languages	Standard: Postscript emulation, PCL5e/PCL6 Optional: Adobe PostScript 3®, XPS
Font Support	PCL/PS3: 93 Roman Fonts PDF Direct: 136 Roman Fonts
Print Resolution	Up to 1200 x 1200 dpi
Printer Features	Sample/Locked/Hold/Scheduled/Stored/Store and Print, PDF Direct Print, Mail to Print, Classification Code, Bonjour Support, Windows Active Directory Support, DDNS Support, PCL Resident Font Adoption, Tray Parameter Change from Web Image Monitor, 1200 dpi Support, Universal Driver, XPS Support, WS Printer, Media Direct Print (Print from USB/SD), Banner Page Print, Auto Job Promotion, AirPrint®, Poster Print, WPS Support, Send to Document Server, Layout (N-up), Watermark, Slip Sheet, Rotate, Do Not Print Blank Pages, Dithering, Toner Saving, Black Over Print, CLP Color Simulation, User ID/Code/Authentication, Edge to Edge Print
Security Features	DataOverwriteSecurity System (DOSS), Windows/LDAP/Basic/User Code/802.1.x Wired Authentication, Address Book/Authentication Password/SSL Communication/S/MIME/IPsec Communication/HDD/SMTP over SSL/TLS/Wireless LAN Encryption, Network Protocol On/Off, IP Filtering, Unauthorized Copy/Print Prevention, Quota Setting/Account Limit, Compulsory Security Stamp, HDD Encryption

*Bypass Tray only

**Typical electricity consumption by ENERGY STAR
program

Scanner Specifications

Scan Speed BW Full Color	Simplex - 110 ipm/Duplex - 180 ipm (A4)
Scanning Resolution	Color & B/W: Up to 600 dpi TWAIN: Up to 1200 dpi
Scan Area	Up to 11" x 17"
Standard Interfaces	Standard: 10Base-T/100Base-TX/1000Base-T Ethernet
Protocols	TCP/IP, SMB, SMTP, POP, LDAP, FTP, IMAP4
File Formats	Single and Multi-Page TIFF/PDF, High Compression PDF, PDF/A and Single-Page JPEG
Memory Capacity	Shared with Copier Memory
Scanning Features	Embedded Scan-to Email/Folder/SMB/FTP/URL/PDF/A/Digitally Signed PDF, TWAIN and Color Scanning, Auto Size Detection, Auto Density Selection, Image Rotation, SADF/Batch Mode, Mixed Size Mode, Reduce and Enlarge, Split Scan from Booklet Type Original, WS Scanner, LDAP Support, Preview Before Transmission, PDF Encryption, Drop Out Color Send, Distributed Scan Management

Fax Specifications

Fax Option Type	M29
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Circuit	PSTN, PBX
Compatibility	ITU-T (CCITT) G3
Fax Resolution	200 x 200/100 dpi 400 x 400 dpi (optional)
Compression Method	MH, MR, MMR, JBIG Up to 68 spm (Letter/A4)
Modem Speed	33.6 Kbps with Auto Fallback
Transmission Speed	G3: 3 seconds per page (MMR Compression) G3: 2 seconds per page (JBIG Compression)
SAF Memory	4 MB standard/64 MB maximum 320 pages/4,800 pages
Max Auto Dials	2000
Group Dials	100 (max. 500 numbers per group)
Fax Features	One Hour Backup, LAN-Fax Capability, Internet Faxing (T.37), IP Faxing (T.38), Fax Forwarding to E-Mail/Folder, Paperless Fax (HDD), Detection of Misplaced Document, Double-check of Destination Address, Direct SMTP, LDAP Support, Universal Send (Simultaneous Fax and Scan), Fax Line Assignment, Fax Output Timer
Optional Features	Remote Fax, Simultaneous Operation of up to 3 lines (G3 x 3)