

Engine/General Specifications

Configuration	Desktop
Scanning Element	CCD
Printing Process	LED array electro-photographic printing
Toner Type	Dry, single component
Control Panel	4.3" color touch panel
Color / Black & White	Black & White
Output Speed Copy/Print	42 ppm
First Page Out Time	5.1 seconds
Warm-Up Time	14 seconds
Recovery Time From Sleep Mode	9.2 seconds
Resolution	Up to 600 x 600 dpi
System Memory	512 MB/1 GB RAM
Maximum Copy Quantity	99 copies
Duplexing	Automatic (Standard)
Document Feeder Type	Automatic Reversing Document Feeder (ARDF)

Document Feeder Original Size	8.5" - 14" - 5.5" - 8.5" (A4 - A6), Custom: up to 8.5" x 35.43"
Document Feeder Paper Weight	Simplex: 14 - 34 lb. Bond (52 - 128 g/m ²) Duplex: 16 - 28 lb. Bond (60 - 105 g/m ²)
Document Feeder Capacity	50 sheets
Preset Reduction and Enlargement Ratios	65%, 78%, 93%, 129%, 155%
Zoom Range	25% to 400% in 1% increments
Exposure Glass Size	Up to 8.5" x 11" (216 x 297 mm)
Original Type	Sheets / Books
Maximum Original Size	Exposure glass: 8.5" - 11.7" (216 - 297 mm) ADF: One-sided originals: 8.5" x 23.6" (216 - 600 mm), Two-sided originals: 8.5" x 14" (216 - 356 mm)
Supported Paper Sizes	Paper Tray: 3.94" x 5.82" - 8.5" x 14" (100 x 148 - 216 x 356 mm) Bypass Tray: 2.37" x 5.0" - 8.5" x 35.43" (60 x 127 - 216 x 900 mm)
Supported Paper Weights	All Trays: 14 - 43 lb. Bond/90 lb. Index (52 - 162 g/m ²) Duplex: 14 - 43 lb. Bond/90 lb. Index (52 - 162 g/m ²)
Supported Paper Types	Plain, Recycled, Thick, OHP (Transparency), Letterhead, Preprinted and Envelopes
Standard Paper Capacity	1 x 500-Sheet Tray + 100-Sheet Bypass Tray

Maximum Paper Capacity	1,600 sheets
Standard Output Capacity	250 sheets
Maximum Monthly Volume	10000
Maximum Duty Cycle	150,000 prints
Power Source	120 V, 60Hz, 10A
Typical Electricity Consumption (TEC)	1.756 kWh/week
Power Consumption	Operating: 616 W Energy Saver Mode: Less than 1 W
Energy Star	Certified
EPEAT status	Silver
Dimensions W x D x H	16.5" x 16.8" x 19" (419 x 427 x 484 mm)
Weight	50.6 lbs. (23 kg)

Printer Specifications

Processor Speed	533 MHz
Hard Disk Drive	320 GB (optional)
Interfaces	Standard: Gigabit Ethernet (1000/100/ 10BASE-T), USB 2.0, USB 2.0 Host Optional: IEEE1284, IEEE802.11a/b/g/n

Network Protocol	TCP/IP (IPv4, IPv6)
Supported Operating Systems	Web SmartDeviceMonitor SmartWindows XP/Vista /7/8/8.1/Server2003/ 2008/2008R2/2012/2012R2, MacOS (X10.5 or later) PS only; UNIX filters for Sun Solaris, HP- UX, Red Hat Linux, SCO OpenServer, IBM AIX; SAP R/3; Citrix Presentation Server 4.5/Citrix XenApp 5.0, 6.0, 6.5; IBM iSeries/ AS/400®**DeviceMonitor for Admin DeskTopBinder Lite
Device Management Utilities	@Remote, SmartDeviceMonitor, Device Manager NX, Web SmartDeviceMonitor, Web Image Monitor
Printer Languages	Standard: PCL6/5e, Adobe® PostScript®3™ PDF Direct Optional: IPDS*, XPS
Font Support	PCL6: 45 fonts, PCL5: 45 fonts + International fonts 13 fonts, PostScript3: 136 fonts, IPDS: 108 fonts (optional)
Print Resolution	Up to 1200 x 1200 dpi
Mobile Printing Support	Smart Device Connector App
Printer Features	ID Card Copy; Auto/Manual Density Control; Auto Start; Batch Mode; Mixed Size Originals; Copy Mode - Text, Text/Photo and Photo, Generation Copy, Pale; Combine Pages; Margin Adjustment; Auto Tray Switching; Image Rotation; Electronic Sort; Job Program (25); User Codes (1,000)
Security Features	Administrator and User Authentication*, User Lockout, Auto Logout, Menu Protect, Data

Encryption (Address Book/User Authentication Information/Job Logs/Temporary Stored Document/Network Interface Settings/System Settings), Network Security via TCP/IP Access Control, Encrypted communications using SSL/TLS, IPsec, or IEEE 802.1X; SNMPv3, IPP Authentication, Kerberos Authentication Encryption, Wireless LAN Security (WEP, WPA2/WPA2-PSK), Protect document data with Locked* and Stored Print*, Unauthorized Copy Prevention, Compulsory Security Stamp, HDD Data Overwrite* and Encryption** Hard disk drive required.

*Hard disk drive and optional memory required.
**IPDS option required.

Scanner Specifications

Scan Speed BW Full Color	B&W: up to 32 ipm Color: up to 31 ipm
Scanning Resolution	Color and B&W: up to 600 dpi TWAIN: up to 1200 dpi
Grayscale	256 levels
Scan Area	Up to 8.5" x 23.6" (216 x 600 mm)
Protocols	Network: TCP/IP; Email: SMTP, POP3, IMAP4; Scan-to-Folder: SMB, FTP, WSD Scanner
File Formats	JPEG, Single/Multi Page TIFF, PDF, High Compression PDF, PDF/A; OCR*
Scan Modes	

Text, Text/Line Art, Text/Photo,
Photo, Glossy Photo Color (26 bit),
Gray Scale (8 bit)

Scan-to-Email (with LDAP support)
Scan-to-Folder (SMB/FTP)
Scan-to-URL
Network TWAIN, Scan-to-Media
(USB/SD)
WSD Scanner

*OCR option required.

Document Server Specifications

Capacity	38 GB (shared with other functions)
Maximum Stored Documents	950 files (HDD required)
Maximum Pages/Document	1,000 pages
Maximum Page Capacity	9,000 pages (HDD required)

Fax Specifications

Fax Resolution	Up to 200 dpi
Compression Method	MH, MR, MMR, JBIG
Scanning Speed	ARDF: 22-spm
Modem Speed	33.6 kbps with auto fallback
Transmission Speed	G3: 2 seconds per page (JBIG Compression)

SAF Memory	4 MB (approximately 320 sheets)
Max Auto Dials	1,000 standard, 2,000 with HDD
Group Dials	100
One-Touch/Speed Dials	Direct Fax Number Entry, 8 Quick Dials, 100 Speed Dials
Fax Features	Dual Access, Duplex Reception, 12-Hour Backup, LAN-Fax, Internet Fax (T.37), IP Fax (T.38), Fax Forwarding to E-Mail/HDD/Folder, PSTN, PBX

Additional Features

Paper Feed	<p>Paper Feed Unit PB1060 Paper Capacity: 250 sheets Supported Paper Sizes: 3.94" x 5.82" - 8.5" x 14" (100 x 148 - 216 x 356 mm) Supported Paper Weight: 14 - 43 lb. Bond/90 lb. Index (52 - 162 g/m²) Dimensions (WxDxH): 14.6" x 15.4" x 3.7" (370 x 392 x 95 mm)Weight 9.04 lbs. (4.1 kg)</p>
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Notes See Accessories Tab for a complete list of options