

Engine/General Specifications

Configuration

Console

Printing Process

4-Drum Method

Control Panel

10.1" Smart Operation Panel

Color / Black & White

Color

Output Speed Copy/Print

20 ppm B&W & FC (LTR)

First Page Out Time

7.6/5.4 seconds

Warm-Up Time

26 seconds

Recovery Time From Sleep Mode

7.1 seconds

Resolution

600 dpi

System Memory

2 GB RAM/250GB HDD Standard & 4GB RAM/250 GB HDD
Option

Maximum Copy Quantity

Up to 999 copies

Duplexing

Automatic (Standard)

Automatic Reversing Document Feeder (ARDF)

Original Capacity: 100 sheets

Original Size: 5.5" x 8.5" - 11" x 17" (A5-A3)

Paper Weight: Simplex: 11 - 34 lb. Bond (40 - 128 g/m²)

Duplex: 14 -34 lb. Bond (52 - 128 g/m²)

Zoom Range

25% - 400% in 1% increments

Supported Paper Sizes

1st Paper Tray: 8.5" x 11" (A4)

2nd, 3rd, 4th, Paper Trays: 5.5" x 8.5" - 12" x 18" (A6-A3),

Envelopes

Bypass: Up to 12.6" x 18", Envelopes

Custom Sizes: Width: 3.5" - 12.6" (90 - 320 mm), Length: 5.8" -
49.6" (148 - 1260 mm)

Supported Paper Weights

Standard Trays: 16 - 80 lb. Bond/166 lb. Index (60 - 300 g/m²)

Bypass Tray: 14 - 80 lb. Bond/166 lb. Index (52 - 300 g/m²)

Duplex Unit: 14 -34lb. Bond (52 - 169 g/m²)

Supported Paper Types

Plain, Recycled, Special Paper 1-3, Letterhead, Cardstock,
Preprinted Paper, Bond Paper, High-Gloss Coated Paper, Color
Paper, Envelopes*, Coated, Labels* & OHP*

Standard Paper Capacity

1,200 sheets (2 x 550 sheets + 100-Sheet Bypass Tray)

Maximum Paper Capacity

2,300 sheets

Standard Output Capacity

500 sheets

Maximum Output Capacity

625 sheets (with options)

Maximum Monthly Volume

40000

Power Source

120V - 127V, 60Hz, 12A

Typical Electricity Consumption (TEC)

0.7 kWh/week

Power Consumption

1,584W or less; Sleep Mode: 0.8W

EPEAT status

Gold

Dimensions W x D x H

23.1" x 27.0" x 35.92" (587 mm x 685 mm x 913 mm) (includes ARDF)

Weight

197 lbs., 89.2 kg (Includes ARDF)

*Tray 2 and Bypass Tray Only
**Bypass Tray Only
***Typical Electricity Consumption by ENERGY STAR Qualified Imaging Equipment Test Procedure

Printer Specifications

Processor Speed

Intel Atom Processor Bay Trail 1.33 GHz

Interfaces

Standard: 1000Base-T/100Base-TX/10Base-T Ethernet, USB 2.0 Type A (3 Ports), SD Slot on Operation Panel
Option: IEEE1284/ECP, IEEE802.11a/b/g/n, USB 2.0 Type B

Network Protocol

TCP/IP (IPv4, IPv6)

Supported Operating Systems

Windows® Vista/7/8.1/Server 2008/Server 2008R2/Server2012/Server2012R2/Server 2016, Unix: Sun Solaris, HP-UX, SCO OpenServer, RedHat Linux, IBM AIX, Citrix XenDesktop 7.0/7.1, XenApp 6.5/7.5, Mac OS X v.10.9 or later, SAP R/3, SAP S/4, IBM iSeries AS/400-using OS/400 Host Print Transform

Device Management Utilities

Device Manager NX Series, Web Image Monitor, @Remote

Printer Languages

Standard: PCL5c, PCL6, PostScript®3™ Emulation, PDF Direct Print Emulation
Optional: Genuine Adobe® PostScript®3™, Adobe® PDF Direct Print, PictBridge®

Font Support

Standard: PCL: 45 Roman fonts + 13 International fonts
PostScript®3™ Emulation: 80 Roman fonts + 13 International fonts
Optional: Genuine Adobe® PostScript®3™: 136 Roman fonts

Print Resolution

1200 x 1200 dpi

Security Features

DataOverwriteSecurity System (DOSS), HDD Encryption, User Codes, SNMP v3 Support, Encryption, Locked Print, User Authentication, 802.1x Wired Authentication, Quota Setting/Account Limit, Digitally Signed PDF, and more

Scanner Specifications

Scan Speed BW Full Color

80 ipm (200 dpi/300 dpi)

Scanning Resolution

B&W and FC scanning at 100 - 600 dpi, Up to 1200 dpi for TWAIN scanning

Scan Area

11.7" x 17" (297 - 432 mm)

File Formats

Single/Multi-Page TIFF, PDF, High Compression PDF & PDF/A, Single Page JPEG

Scan Modes

Scan-to-Email (with LDAP support)
Scan-to-Folder (SMB/FTP)
Scan-to-URL

Document Server Specifications

Maximum Stored Documents

3000

Maximum Pages/Document

2000

Maximum Page Capacity

9000

Max Number of Folders

200

Fax Specifications

Type

ITU-T (CCITT) G3

Circuit

PSTN, PBX

Fax Resolution

200 x 100 dpi, 200 x 200 dpi, 400 x 400 dpi (with optional SAF memory)

Compression Method

B&W TIFF: MH, MR, MMR, JBIG2; Color: JPEG

Scanning Speed

Up to 58 spm - standard and detail modes (A4)

Modem Speed

33.6K - 2,400 bps w/Auto Fallback

Transmission Speed

G3: Approximately 2 seconds/page (JBIG)

Memory

Standard: 4 MB (approx. 320 pages)

Optional: 64 MB (approx. 4,800 pages) with optional SAF memory

Max Auto Dials

2,000 Quick/Speed Dial numbers

Group Dials

100 Group Dial numbers