

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

5.1 seconds B&W

7.4 seconds Color

Warm-Up Time

21 seconds

Resolution

600 dpi

System Memory

2 GB RAM/320 GB HDD Standard & 4 GB RAM/320 GB HDD Option

Maximum Copy Quantity

Up to 999 copies

Duplexing

Automatic (Standard)

Document Feeder Type

Automatic Reversing Document Feeder (ARDF)

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 Paper Tray: 5.5" x 8" - 12" x 18" (SRA3, A6-A3, B4-B6), Envelopes

Bypass: Up to 12" 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 - 45 lb. Bond/142 lb. Index (52 - 169 g/m²)

Supported Paper Types

Plain, Recycled, Special, Colored, Letterhead, Cardstock, Pre-printed, Bond, Coated, Envelope, Label, OHP, Gloss

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 8.5" x 11" (A4) or smaller; 250 sheets (B4) or larger

Maximum Output Capacity

1,625 sheets

Maximum Monthly Volume

10000

Power Source

120V - 127V, 60Hz

Typical Electricity Consumption (TEC)

0.242 kWh/week

TEC value is measured based on the ENERGY STAR Ver.3.0 test method.

Power Consumption

Less than 1,584 W; Sleep Mode: 0.54W

EPEAT status

Gold

Dimensions W x D x H

23.1" x 27.0" x 35.9" (587 mm x 685 mm x 913 mm)

Weight

200.6 lbs, 91 kg

Printer Specifications

Processor Speed

Intel Apollo Lake 1.3 GHz

Interfaces

Standard: Ethernet 10 base-T/100 base-TX/1000 base-T, USB Host I/F Type A, USB Device I/F Type B
Option: Wireless LAN (IEEE 802.11a/b/g/n), Additional NIC (2nd port)

Network Protocol

TCP/IP (IPv4, IPv6)

Supported Operating Systems

Windows® V7/8.1/10/Server 2008/Server 2008R2/ Server2012/ Server2012R2/Server 2016; Unix: Sun Solaris, HP-UX, SCO OpenServer, RedHat Linux, IBM AIX, Mac OS X v.10.11 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

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

Up to 1200 x 1200 dpi

Mobile Printing Support

Apple AirPrint™, Mopria, Google Cloud Print, NFC, Ricoh Smart Device Connector

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 (simplex)

Scanning Resolution

Up to 1200 dpi

Scan Area

11.7" x 17" (297 - 432 mm)

File Formats

Single Page: TIFF, JPEG, PDF, PDF/A, High Compression PDF, encryption PDF, OCR*

Multi Page: TIFF, PDF (Default), PDF/A, High Compression PDF, encryption PDF, OCR*

Scan Modes

E-mail, Folder, USB, SD Card

*Requires optional OCR Unit Type M13

Document Server Specifications

Maximum Stored Documents

3000

Maximum Pages/Document

2000

Maximum Page Capacity

9000

Max Number of Folders

Fax Specifications

Type

ITU-T (CCITT) G3

Circuit

PSTN, PBX

Fax Resolution

Standard: 8 x 3.85 line/mm, 200 x 100 dpi

Optional: 16 x 15.4 line/mm, 400 x 400 dpi

Compression Method

MH, MR, MMR, JBIG

Scanning Speed

Up to 68 spm

Modem Speed

33.6 Kbps

Transmission Speed

2 seconds (200 x 100 dpi, JBIG, ITUT #1 chart TTI off, memory transmission)

Memory

Standard: 4 MB (approx. 320 pages)

Optional: 60 MB (approx. 4,800 pages) with optional SAF memory

Max Auto Dials

2,000 Quick/Speed Dial numbers

Group Dials

100 Group Dial numbers