

Engine/General Specifications

Configuration

Desktop

Control Panel

10.1" Smart Operation Panel

Color / Black & White

Black & White

Output Speed Copy/Print

45 ppm

First Page Out Time

Less than 5 seconds

Warm-Up Time

24 seconds

Resolution

1200 x 1200 dpi

System Memory

2 GB RAM/ 320 GB HDD

Maximum Copy Quantity

Up to 999 copies

Document Feeder Type

Single Pass Document Feeder (SPDF)

50 sheets

Zoom Range

25% to 400% in 1% increments

Supported Paper Sizes

Standard paper tray(s): 5.5" x 8.5" - 8.5" x 14" (A6-A4, B6-B5)

Optional paper tray(s): 5.5" x 8.5" - 8.5" x 14" (A6-A4, B6-B5)

Bypass tray: 5.5" x 8.5" - 8.5" x 14" (A6-A4, B6-B5) Custom Sizes - Width: 2.36" - 8.5" (60 - 216 mm), Length: 5.0" - 35.43" (127 - 900 mm)

Supported Paper Weights

Trays: 14 - 58 lb. Bond (52 - 220 g/m²)

Bypass: 14 - 68 lb. Bond (52 - 256 g/m²)

Duplex: 14 - 43 lb. Bond (52 - 162 g/m²)

Supported Paper Types

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

Standard Paper Capacity

500 sheets

Maximum Paper Capacity

2,100 sheets

Standard Output Capacity

250 sheets

Power Source

120V - 127V/12A 60Hz

Typical Electricity Consumption (TEC)

0.565 kWh/week

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

Power Consumption

Maximum: Less than 1,380W

Operation: 628 W

Ready: 91 W

Sleep: 0.74 W

Energy Star

Certified

EPEAT status

Gold

Dimensions W x D x H

18.7" x 17.4" x 20.1" (476 mm x 442 mm x 510mm)

Weight

67.24 lbs. (30.5 kg)

Printer Specifications

Processor Speed

Intel Atom Processor Bay Trail 1.46GHz

Hard Disk Drive

320 GB HDD

Interfaces

Standard: Ethernet 10 base-T/100 base-TX/1000 base-T, USB Host 2.0

Optional: Wireless LAN (IEEE 802.11a/b/g/n), Additional NIC (2nd port),

Extended USB Board, File Format Converter

Network Protocol

TCP/IP (IPv4, IPv6)

Supported Operating Systems

Windows® environments: Windows® 7, Windows® 8.1, Windows® 10, Windows® Server 2008, Windows® Server 2008R2, Windows® Server 2012, Windows® Server 2012R2, Windows® Server 2016
Mac OS environments: Macintosh OS X v10.10 or later
UNIX environments: UNIX Sun® Solaris, UNIX Sun® Solaris, HP-UX, SCO OpenServer, RedHat® Linux, IBM® AIX, Citrix XenApp
SAP® environments: SAP® R/3® , SAP® S/4®
Other supported environments: NDPS Gateway, AS/400® using OS/400 Host Print Transform, IBM iSeries

Printer Languages

Standard: PCL5e, PCL6, PostScript 3 (emulation), PDF direct (emulation)
Optional: Genuine Adobe® PostScript® 3™, IPDS, PDF Direct from Adobe®

Print Resolution

1200 x 1200 dpi

Mobile Printing Support

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

Scanner Specifications

Scan Speed BW Full Color

45.7 ipm

Scanning Resolution

600 dpi

File Formats

Single Page TIFF, Single page JPEG, Single page PDF, Single page High compression PDF, Single page PDF/A, Multi page TIFF, Multi page PDF, Multi page High compression PDF, Multipage PDF/A

Scan Modes

E-mail, Folder, USB, SD Card

Fax Specifications

Circuit

PSTN, PBX

Fax Resolution

8x7.7 line per mm, 200x200 dpi

Compression Method

MH, MR, MMR, JBIG

Scanning Speed

28 spm

Modem Speed

33.6 Kbps

Transmission Speed

2 seconds (200x100 dpi, JBIG, ITUT #1 chart TTI off, memory transmission)

Memory

Standard: 4 MB (approx. 320 pages)