B&W Laser Printer

RICOH
SP 8400DN

☑ Printer ☐ Copier ☐ Facsimile ☐ Scanner

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SP 8400DN
60 ppm monochrome

RICOH SP 8400DN

SYSTEM SPECIFICATIONS

Ricoh SP 8400DN	Part # 408244
Configuration	Desktop
Technology	Electro photographic printing system with laser beam
Operation Panel	10.1" Smart Operation Panel color touchscreen with integrated USB 2.0 host port and SD Card slot
Resolution	1200 x 1200 dpi
Printing Speed	60 pages-per-minute
First Print Speed	2.2 seconds
Warm-Up Time	21 seconds (from Main Switch On)
Recovery from Sleep Mode	7.0 seconds
Standard Paper Capacity	550-Sheet Paper Tray 1 550-Sheet Paper Tray 2 100-Sheet Bypass Tray (1,200 sheets standard capacity)
Optional Paper Capacity	550-Sheet x 2 Paper Feed Unit or 2,000-Sheet Large Capacity Tray (LCT); 1,500-Sheet Large Capacity Tray (LCT)
Maximum Paper Capacity	4,700 sheets
Automatic Duplexing	Standard
Paper Sizes	Standard Trays 1 and 2 and Optional Paper Feed Units: User adjustable up to 12" x 17" including (8.5" x 11"), (8.5" x 14"), Exec (10.5" x 7 .25"), (11" x 17") Custom Sizes: 3.55" x 5.83" – 11.69" x 17" (90 x 148 mm to 297 x 431.8 mm) Envelopes for Tray 2: Com10, Monarch, C5, C6, DL; Envelopes for Optional Paper Feed Units: Com10, C5 Bypass Tray: User adjustable up to 12" x 18" including 5.5" x 8.5" to 11" x 17" (140 x 216 mm to 279 x 432 mm) Custom Sizes: 3.55" x 5.83" to 12" x 23.6" (90 x 148 mm to 305 x 600 mm) and Envelopes: Com10, Monarch, C5, C6, DL Optional 2,000-Sheet LCT and Optional 1,500-Sheet Side LCT: Fixed for (8.5" x 11") (216 x 279 mm) When Duplexing: 3.55" x 5.83" to 11.69" x 17" (90 x 148 mm x 297 x 431.8 mm)
Paper Weights	Std. Trays, Opt. PFU and LCTs: 16 – 82 lb. Bond/170 lb. Index (60 – 300 g/m^2) Bypass Tray: 14 – 82 lb. Bond/ 170 lb. Index (52 – 300 g/m^2) When Duplexing: 14 – 68 lb. Bond/ 140 lb. Index (52 – 256 g/m^2)
Paper Types	All Sources: Plain Paper, Recycled Paper, Color Paper, Letterhead, Special Paper 1-3, Card Stock, Bond Paper, Preprinted Paper Envelopes: Com10 and C5 envelopes can be fed using Standard Trays, Bypass Tray and Optional Paper Feed Unit Bypass Tray Only: Labels, OHP
Output Capacity	Standard: 500 sheets, face down (8.5" x 11" or smaller); 250 sheets, face down (8.5" x 14" or larger) Maximum: Up to 4,000 sheets with Finisher, Bridge Unit and 4-Bin Mailbox
Dimensions (WxDxH)	23.1" x 25.7" x 28.3" (587 x 653 x 720 mm) (Main Unit only)
Weight	125.6 lb. (57 kg) (Main Unit only)
Power Requirements	120 – 127V, 60Hz, 12A
Power Consumption	Operating: 1600W or less Sleep Mode: 0.79W ENERGY STAR® certified
TEC Value*	2.6 kWh/week
EPEAT	Gold

*Typical Electricity Consumption by ENERGY STAR Qualified Imaging Equipment Test Procedure

Print Controller Specifications (Standard)

CPU	Intel® Atom Processor BayTrail-1 1.46 GHz
Memory	Standard/Maximum: 2 GB/2 GB
Hard Disk Drive	320 GB (optional)
Printer Languages	Standard: PCL5e, PCL6, PostScript3 emulation, PDF Direct Print emulation, Media Print (JPEG/TIFF), RPCS Optional: Genuine Adobe® PostScript® 3™, PDF Direct from Adobe®, XPS
Fonts	Standard: PS3/PDF/PCL emulation – 80 Roman fonts + 13 International fonts Optional: Genuine Adobe PS3/PDF Direct – 136 Roman fonts
Standard Interfaces	10Base-T/100Base-TX/1000Base-T Gigabit Ethernet, High Speed USB, Dual USB Host Type A, USB 2.0 Type A/SD Card Slot

	integrated into Smart Operation Panel (for Print from Portable Media)
Optional Interfaces*	USB 2.0 Port, IEEE 1284, IEEE 802.11a/b/g/n
Network Protocols	Standard: TCP/IP (IPv4, IPv6)
Operating Systems	Windows Vista/7/8.1/10/Server 2008/ Server 2008R2/Server 2012/Server 2012R2/ Server 2016 Citrix Presentation Server 4.5, Citrix XenApp 5.0+ Mac OS X v.10.9 or later, SAP R/3, UNIX (using Ricoh UNIX filter) Sun Solaris 9/10, HP-UX 11.x/11i v2/11i v3, SCO OpenServer 5.0.7/6.0, RedHat Linux Enterprise V4/V5/V6, IBM AIX 5L version 5.3/6.1/7.1
Printer Features	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, Wireless LAN Interface Option, Media Direct Print (Print from USB/SD), Poster Print, WPS Support
Utilities	Device Manager NX Series, Web Image Monitor, @Remote

*Only one interface can be installed.

Controller and Memory Options

IEEE802.11a/g/n Interface Unit Type M19, IEEE1284 Interface Board Type M19, VM Card Type P13, XPS Direct Print Option Type P13, IPDS Unit Type P13*, HDD Option Type P13, Genuine Adobe PostScript3 Type P13
*Available after launch.

Security Features

DataOverwriteSecurity System (DOSS), Authentication (Windows/ LDAP/Kerberos/Basic/User Code/802.1.x Wired), Wireless LAN Security (WPS/IEEE802.11i/IEEE802.11w), Encryption (Address Book/Authentication Password/SSL Communication/S/MIME/IPsec Communication/HDD/SMTP over SSL/TLS/Transport Layer Security/ SSH/Wireless LAN), Locked Print, Network Protocols ON/OFF, IP Address Filtering, Quota Setting/Account Limit, Compulsory Security Stamp, Unauthorized Copy Prevention and Mask Type for Copying

Hardware Accessories

550 x 2 Paper Feed Unit (PB3240) [1]

Paper Capacity	1,100 sheets
Paper Sizes	3.55" x 5.83" – 12.6" x 18" (A5 – A3)
Paper Weights	16 – 82 lb. Bond/170 lb. Index (60 – 300 g/m^2)
Dimensions (WxDxH)	23.1" x 27" x 9.7" (587 x 685 x 247 mm)

2,000-Sheet Large Capacity Tray (LCIT PB3260) [1]

Paper Capacity	2,000 sheets
Paper Sizes	8.5" x 11" (A4)
Paper Weights	16 – 82 lb. Bond/170 lb. Index (60 – 300 g/m^2)
Dimensions (WxDxH)	23.1" x 27" x 9.7" (587 x 685 x 247 mm)

1,500-Sheet Side Large Capacity Tray (LCIT RT3030)*

Paper Capacity	1,500 sheets
Paper Sizes	8.5" x 11" (A4)
Paper Weights	16 – 82 lb. Bond/170 lb. Index (60 – 300 g/m^2)
Dimensions (WxDxH)	13.4" x 21.4" x 11.4" (340 x 544.5 x 290 mm)

* Requires configuration with 550 x 2 Paper Feed Unit (PB3240) or 2,000-Sheet Large Capacity Tray (PB3260). Cannot be installed with Cabinet Type F.

Large Cabinet Stand (Cabinet Type F) [1]
The Large Cabinet Stand must be selected when the printer main unit is to be configured with a Finisher, but not a paper supply option.

3,000-Sheet Finisher (SR3230) [234]

Modes	Shift, Sort, Stack, Staple, Optional Hole Punch
Paper Size	Proof Tray: 5.5" x 8.5" to 12" x 18" (A6 – A3) Shift Tray: 5.5" x 8.5" to 12" x 18" (A6 – A3)
Paper Weight	Proof Tray: 16 – 58 lb. Bond/122 lb. Index (60 – 220 g/m^2) Shift Tray: 14 – 80 lb. Bond/166 lb. Index (52 – 300 g/m^2)
Stack Capacity	Proof Tray: 250 sheets (8.5" x 11" or smaller) (A4); 50 sheets (8.5" x 14" or larger) (B4) Shift Tray: 3,000 sheets (8.5" x 11") (A4); 1,500 sheets (8.5" x 14" or larger) (B4)
Staple Capacity	50 sheets (8.5" x 11" to 11" x 17")
Staple Paper Size	8.5" x 11" to 11" x 17"
Staple Paper Weight	14 – 28 lb. Bond (52 – 105 g/m^2)
Staple Positions	Top, Bottom, 2 Staples, Top Slant
Staple Cartridge Capacity	5,000 staples/cartridge
Dimensions (WxDxH)	25.9" x 24.1" x 37.8" (657 x 613 x 960 mm)
Weight	74 lb. (33.5 kg)

1,000-Sheet Hybrid Staple + Stapleless Finisher (SR3210) [234]

Paper Size	Proof Tray: 5.5" x 8.5" to 12" x 18" Shift Tray: 5.5" x 8.5" to 12" x 18"
Paper Weight	Proof Tray: 14 – 45 lb. Bond/93 lb. Index (52 – 169 g/m^2) Shift Tray: 14 – 80 lb. Bond/166 lb. Index (52 – 300 g/m^2)
Stack Capacity	Proof Tray: 250 sheets (8.5" x 11") (A4); 50 sheets (8.5" x 14" or larger) (B4) Shift Tray: 1,000 sheets (8.5" x 11") (A4); 500 sheets (8.5" x 14" or larger) (B4)
Stapleless Capacity	2 – 5 sheets/set
Staple Capacity	50 sheets (8.5" x 11"), 30 sheets (8.5" x 14" or larger)
Staple Paper Size	8.5" x 11" to 12" x 18"
Staple Paper Weight	14 – 28 lb. Bond (52 – 105 g/m^2)
Staple Positions	Top, Bottom 2 Staples
Dimensions (WxDxH)	25.4" x 24.4" x 37.8" (646 x 620 x 960 mm)
Weight	60 lb. (27 kg)

Mailbox CS3010*

Number of Bins	4
Capacity Per Bin	125 sheets x 4 trays = 500 sheets
Paper Size	3.55" x 5.83" to 11.69" x 17" (A3, A4, A5, A6)
Paper Weight	14 – 45 lb. Bond/90 lb. Index (52 – 169 g/m^2)
Dimensions (WxDxH)	21.9" x 21.4" x 19.9" (555 x 544 x 506 mm)
Weight	28.7 lb. (13 kg)

* The Mailbox CS3010 can be installed by itself or simultaneously with either Finisher, the Attention Light or the paper supply options.

2/3-Hole Punch Unit (PU3050NA)
(Optional; Installs inside SR3210 Finisher)

Punch Paper Sizes	5.5" x 8.5" to 11" x 17"
Punch Paper Weight	14 – 68 lb. Bond/142 lb. Index (52 – 256 g/m^2)

2/3-Hole Punch Unit (PU3060NA)
(Optional; Installs inside SR3230 Finisher)

Punch Paper Sizes	5.5" x 8.5" to 11" x 17"
Punch Paper Weight	14 – 68 lb. Bond/142 lb. Index (52 – 256 g/m^2)

Internal Multi-fold Unit (FD3000)*

Folding Type	Z-Fold, Half-Fold, Outer Tri-Fold, Inner Tri-Fold
Paper Size	Z-Fold, Half-Fold - A3, B4, A4, DLT, LG, LT, 8k, (Only FD3000 Multi-fold Unit) 8.5" x 13.4" (Oficio) Outer or Inner Tri-Fold - A3, A4, DLT, LG, LT, 8.5" x 13.4" (Oficio) Z-Fold – A3, B4, A4, DLT, LG, LT, 8k, 8.5" x 13.4"

* Can be added with or without an external finisher.

Bridge Unit Type BU3070*
The Bridge Unit (BU3070) is a required accessory when the main unit is to be configured with any Finisher.

Sheet Capacity	250 sheets (8.5" x 11" or smaller), 125 sheets (8.5" x 14" or larger)

*If configured, the Internal Multi-fold Unit serves the same purpose as the Bridge Unit.

Additional Accessories

Attention Light AL3000, External NFC Card Reader Bracket Type P11, NFC Card Reader Type P11, Output Jogger Unit Type M15

Supplies

Consumables	Yield	Part #
Black Toner SP 8400A	51,000*	821276
Printer Maintenance Kit A	160,000 (contains Drum Unit, Transfer Unit and Waste Toner Bottle)	408107
Printer Maintenance B Kit	320,000 (contains Fusing Unit)	408108
Staple Set Type T for SR3210/SR3230 Finisher	5,000/carton	415009
Staple Refill Type T for SR3210/SR3230 Finishers	10,000/carton	415010

*Declared yield values in accordance with ISO/IEC 19798.

[1] One of the following options must be installed: Cabinet type F, PB3240 or LCIT PB3260.

[2] Requires configuration with Bridge Unit BU3070 or Internal Multi-fold Unit FD3000.

[3] Cannot be installed together.

[4] Requires installation of Two-Tray Paper Bank (PB3240), Cabinet Type F or Tandem Large Capacity Tray (PB3260).

Some options may not be available at the time of market release.

Specifications are subject to change without notice.

For maximum performance and yield, we recommend using genuine Ricoh parts and supplies.