Desktop B&W LED Printer

RICOH
SP 6430DN

☑ Printer ☐ Copier ☐ Facsimile ☐ Scanner

RICOH
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SP 6430DN

38 ppm monochrome

Print larger sizes in smaller spaces

When you share the right information with the right people at the right time, there's no limit to what you can do. So why would you want to limit what you can print — and where you can print it? Print high-quality black-and-white drawings, schematics, floor plans and more at sizes up to 11" x 17" from the compact RICOH® SP 6430DN right from your desktop. You're saving much more than space though. Take advantage of energy-saving features to reduce operating costs and advanced security tools to help ensure key data is protected. Use it for everyday office documents or for those special projects that require larger sizes or special paper stocks.

Handle a wider range of jobs

When you're printing larger jobs, even the smallest details matter. You're already under pressure to do more with less, so you can't afford to waste money on outsourcing. Use the Ricoh SP 6430DN to do the work yourself. Bring more projects in-house with expansive media handling options that allow you to print on ledger size paper, thicker stocks, letterhead, recycled paper, labels and even envelopes with crisp 1200 x 1200 resolution. Need CAD drawings, manufacturing designs, financial spreadsheets or real estate floor plans? Print at up to 11" x 17" so you and your customers can see exact details of the project with more clarity, which will help make those difficult design decisions easier and more convenient.

Start printing quickly

The longer you have to wait for a print job, the less time you have to work on the next one. Meet deadlines without compromising quality with the small but powerful Ricoh SP 6430DN printer. Warm-up time is less than 17 seconds, and first-print time is only 6.5 seconds, so you can begin printing almost immediately. With output speeds up to 38 pages per minute, even at optimal resolution, you can finish your project and transition to the next job quickly.

Use a more secure network and protect data

You may share a printer with your coworkers, but you probably don't want to share everything. In certain industries, such as banking or human resources, access to confidential information must be protected. With the USB Device Server option, you can use a different IP address to connect the Ricoh SP 6430DN to a second locked network to safeguard specific information from the Internet and other security threats. In addition, with an optional Hard Disk Drive you can use Locked Print to hold jobs at the printer until the user enters a passcode to release it to protect confidentiality.

Reduce costs with simplified, familiar printing tasks

Print jobs where it's most convenient

Printing shouldn't take too much time — or real estate. Because it uses LED printhead technology, the Ricoh SP 6430DN offers an incredibly small footprint — smaller than competitive laser printers — without compromising speed or quality. Take advantage of the lower profile and place it almost anywhere, including desktops, counters and cabinets. You can use the four-line LCD control panel to access key settings and to check status with ease while saving office space for other everyday tasks.

Minimize delays during production

You have other jobs waiting. You'd rather work on them than on your printer. With the Ricoh SP 6430DN, you can reduce delays and move to the next job quickly. Minimize how often you need to restock with the standard 500-Sheet Paper Tray and 100-Sheet Bypass. You can add three optional paper trays to maximize uptime with a total paper capacity of 2,100 sheets. Each paper tray accepts almost any type of media up to 11" x 17", so you can configure each differently to eliminate unnecessary shuffling of paper. With the front-access design, you can change print and toner cartridges by yourself in only moments with incredible ease.

Realize even greater cost savings

You want to do a good job while feeling good about how you do it. Reduce paper and supply costs with default automatic duplex printing on paper sizes up to 11" x 17". With the ECO-Night Sensor, you can program the automatic startup and shutdown of the printer based on ambient light, so you can conserve energy when the office is closed. In addition, the Ricoh SP 6430DN is ENERGY STAR™ certified and offers low typical electricity consumption (TEC). Reduce TCO even further with low cost-per-print toner and drum supplies that can be replaced individually when needed. Plus, the device meets EPEAT® Gold* criteria.

*EPEAT Gold rating is applicable only in the USA.

Track performance in the office and across the enterprise

With the Ricoh SP 6430DN, better, more informed decisions are always within your reach. Have a schematic design you want to share with an engineer? Need to print out a layout for a big meeting? Print them from the convenience of your desk at a moment's notice so the right people have the critical information they need. Use it as a standalone device for your workgroup or incorporate it into an integrated Ricoh Managed Document Services (MDS) strategy to reduce costs throughout your organization. You can even monitor print performance and manage user activity via a wide range of intuitive administrative controls.

Engine Specifications

SP 6430DN	Part # 407482
Configuration	Desktop
Technology	LED
Color/B&W	Black & White
Printing Process	Electro-photographic printing
Toner Type	Dry, single component
Control Panel	4-line LCD
Print Resolution	300 x 300 dpi/600 x 600 dpi/ 1200 x 1200 dpi
B&W Print Speed (Letter)	38 pages per minute
Maximum Monthly Volume	20,000 prints
Maximum Monthly Duty Cycle	150,000 prints
First Page Out Time	6.5 seconds or less
Warm-Up Time	17 seconds or less
Standard Paper Capacity	600 sheets (500-Sheet Tray + 100-Sheet Bypass Tray)
Maximum Paper Capacity	2,100 sheets
Standard Output Capacity	Up to 500 sheets, face down
Supported Paper Sizes	Standard Tray: 3.5" x 5.8" – 11.7" x 17" (90 x 148 mm – 297 x 432 mm) Optional PFUs: 3.9" x 5.8" – 11.7" x 17" (100 x 148 mm – 297 x 432 mm) Bypass Tray: 2.3" x 5" – 11.7" x 49.6" (60 x 127 mm – 297 x 1,260 mm)
Supported Paper Weights	All Trays: 15 – 59 lb. Bond (56 – 220 g/m²) Duplex: 15 – 43 lb. Bond (56 – 162 g/m²)
Supported Paper Types	Recycled Paper, Color Paper, Letterhead, Preprinted Paper, Plain Paper, Special Paper, Thick Paper, Thin Paper, Label Paper, Envelopes, OHP (Transparency)
Duplexing	Automatic (standard)
Dimensions (WxDxH)	18.1" x 15.4" x 13.7" (459 x 392 x 347.5 mm)
Weight	46.3 lb. (21 kg)
Power Consumption (Operating)	554W
Power Consumption (Sleep Mode)	0.45W or less
Typical Electricity Consumption (TEC)	1.8 kWh/week
Power Requirements	120V, 60Hz
Recovery from Sleep Mode	17 seconds or less
ENERGY STAR	Certified
EPEAT	Gold

Controller Specifications

Processor Speed	533 MHz
Memory (Standard/Maximum)	512 MB/1 GB RAM
Hard Disk Drive	250 GB (Optional)
Connection Type	10/100/1000Base-TX Ethernet (RJ45) Gigabit Network Interface USB 2.0 High Speed Type B (for direct computer connection) Dual USB 2.0 Host Type A (for external device connection) Dual SD Card Slots (for expanded functions/device customization)
Optional Interfaces	USB Device Server IEEE 802.11a/b/g/n Wireless LAN Type O IEEE 1284/ECP Parallel Interface Type A
Printer Languages	PCL6/5e Adobe PostScript 3 PDF Direct Print Optional: XPS
Font Support	PCL5: 45 fonts + 13 International fonts PCL6: 45 fonts PostScript 3: 136 fonts
Network Protocols	TCP/IP
Supported Operating Systems	Windows XP, Vista, 7, 8, 8.1 Windows Server 2003/R2, Server 2008/R2, Server 2012/R2 Mac OS X 10.6 or later Citrix Presentation Server 4.0, 4.5 Citrix XenApp 5.0, 6.0, 6.5 SAP R/3 (Device Type/Barcode & OCR Packages) Various UNIX/Linux OS
Device Management Utilities	Web Image Monitor, @Remote, Device Manager NX Series, Printer Driver Packager NX
Mobile Print	Ricoh Smart Device Print&Scan App
Other Print Features	Reduce/Enlarge, Collate, Layout (N-up), Toner Saving, Watermark, Rotate Print*, Support for Universal Driver, Sample Print**, Hold Print**, Store and Print**, Banner Page Print, Poster Print, Wi-Fi Protected Support (WPS), External USB Keyboard Support, Import/Export of Preference Settings

*Optional 1GB Memory required.
**Optional Hard Disk Drive required.

Security Features

HDD DataOverwriteSecurity System (DOSS), Authentication for Windows, LDAP, Kerberos, Basic, User Code and 802.1x Wired; Encryption for Address Book, Authentication Password, SSL Communication, IPsec Communication, Hard Disk Drive; Network Protocol On/Off, IP Address Filtering, Unauthorized Copy Prevention, Quota Setting/ Account Limit, SMTP over SSL, Compulsory Security Stamp, Locked/ Stored Print

Controller Options

USB Device Server Option Type M12	Part # 417084
250 GB Hard Disk Drive Type P4	Part # MX407500RA
1.0 GB Memory Unit Type N	Part # 007150MIU
IEEE 802.11 Interface Unit Type O	Part # 407113
IEEE 1284 Interface Board Type A	Part # 411699
VM Card Type W	Part # 407218
XPS Direct Print Option Type P4	Part # 407506

Hardware Options

Paper Feed Unit TK2010	Part # 407489
Paper Capacity	500 sheets, 1, 2 or 3 units may be installed
Supported Paper Sizes	3.9" x 5.8" – 11.7" x 17" (100 x 148 mm – 297 x 432 mm)
Supported Paper Weights	15 – 59 lb. Bond (56 – 220 g/m²)
Dimensions (WxDxH)	18.1" x 15.4" x 4.9" (459 x 392 x 124 mm)
Weight	13.2 lb. (6 kg)
Adjustable Height Cabinet Type D	Part # 52401
Dimensions (WxDxH)	21.6" x 22.8" x 23.3" (549 x 579 x 592 mm)
Weight	44 lbs.

Consumables and Yields

	Yield	Part #
Print Cartridge SP 6430A	10,000 prints*	407507
Drum Unit SP 6430	25,000 prints	407511
Maintenance Kit SP 6430	90,000 prints	407512

Includes Fusing Unit and Transfer Roller.

*Declared yield values in accordance with ISO/IEC 19752. Actual yields may vary based on types of images printed and other factors.

The Ricoh SP 6430DN ships with starter toner that yields 6,000 pages (ISO/IEC 19752).

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

Specifications subject to change without notice.

Warranty

The Ricoh SP 6430DN is under warranty against defects for a period of one year from the date of purchase. Consumables are under warranty for a period of 90 days from the date of purchase or until depleted, whichever comes first. Please refer to warranty documents shipped with the product for more details.

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