Aficio™ SP C320DN

Compact, cost-effective and reliable

Ricoh Laser Printers
3 years
On-site Warranty

RICOH

High performance behind the scenes

The Aficio™SP C320DN is a reliable and compact laser printer that will amaze you with its efficiency, productivity and economy. Producing outstanding quality colour or black & white prints at 25 pages per minute, it is a high performer that can be placed conveniently on a desktop or shelf, whilst networked for use within a small work group. Low Total Cost of Ownership coupled with low environmental impact, are key features of the Aficio™SP C320DN. Save on paper with standard duplexing and power consumption with the ECO Night Sensor function – which switches the machine's main power off, based on darkness levels within the room.

Key features

- Low Total Cost of Ownership – low cost per print.
- Minimal environmental impact – ECO Night Sensor, low power consumption and standard duplexing.
- Compact – easy to use and maintain.
- Productive – 25 ppm in colour or black & white.
- Flexible printing – wide range of media possibilities.

Robust colour for a low cost

Use the Aficio™SP C320DN to produce all the high quality, low cost, full colour business documents you need. Standard duplexing saves paper, ultimately reducing your company's production costs and environmental impact.

Intuitive energy saving technology

The Aficio™SP C320DN's innovative ECO Night Sensor will reduce your electricity bill. It automatically switches off the device's main power when the light levels in the room dip below a certain level. The ECO Night Sensor detects both the decline of natural and artificial light and can be set to activate between 5 and 120 minutes after darkness falls.

Small footprint

The Aficio™SP C320DN unobtrusively fits onto a small shelf or desktop. Front/top accessibility means it can even be located against a wall or in a corner. The front-loading papertray slides back underneath the machine to save space when not in use.

Easy to use and maintain

Operation of the device could not be easier, thanks to an intuitive 4-line LCD operation panel which clearly displays all functions. The all-in-one toner and drum cartridge can be replaced within seconds. Changing or adding paper is also straightforward and quick as it is accessible from the top and front. Animated user demonstrations on the control panel will help you troubleshoot in seconds.

High productivity and efficiency

The Aficio™SP C320DN is fast, productive and efficient. After a warm-up time of only 20 seconds, the first black & white or colour print is ready in 13.5 seconds. It prints 25 colour and black & white pages per minute – and there is no reduction in print speed in duplex mode. A Network Interface Card is provided as standard.

Handles a wide range of media

The Aficio™SP C320DN prints covers and flyers on heavy paper up to 220 gsm, card stock and coated paper including gloss and thick. Print resolution is an excellent 1,200 x 1,200 dpi (2 bit) and paper capacity is an outstanding 1,100 sheets when the bypass and optional paper trays are installed.

Ricoh's green commitment

At Ricoh we help you lower the environmental impact in your office as well as lowering your cost.

We are using our expertise in innovation to deliver products that exceed in both performance and environmental sustainability. Like all Ricoh products, the Aficio™SP C320DN reflects Ricoh's commitment to the environment with the use of toxic free materials* and minimum emissions. Significant energy savings are also obtained thanks to advanced power saving modes.

Machine Recycling Program

We have a free program designed for our customers to recycle their Ricoh machines once they have reached the end of their life. Since its launch in 2002, we have successfully recycled over 180 tonnes of Ricoh machines into reusable materials.

Consumables Recycling Program

Ricoh's Consumables Recycling Program – the first in Australia, established in 2001 – will ensure your toner cartridges are fully recycled with zero waste to landfill.

*The 'Restrictions on Hazardous Substances (RoHS)' directive limits the use of substances such as lead, cadmium and hexavalent chromium in electronic goods.

Our earth,
Our tomorrow

General

Technology:	Laser beam scanning & electro-photographic printing
Print speed:	
Full colour:	25 prints per minute
B/W:	25 prints per minute
Warm-up time:	Less than 20 seconds
First print speed:	13.5 seconds
Dimensions (W x D x H):	400 x 480 x 387 mm
Weight:	Less than 29 kg
Power source:	220 - 240 V, 50 - 60 Hz
Power consumption:	
Maximum:	Less than 1.3 kW
Energy saver mode:	Less than 5.5 W
Duty cycle:	75,000 pages per month
Recommended print range:	3,900 - 6,000 per month

Controller

Processor:	533 MHz
Printer language:	
Standard:	PCL5c, PCL6, PS3 Emulation,PDF
Option:	PictBridge
Printer resolution:	600 x 600 dpi (2 bit)/1,200 x 1,200 dpi
Memory:	
Standard:	384 MB
Maximum:	768 MB
Fonts:	
PCL:	45 fonts + 13 International Fonts
PostScript® 3™²:	80 fonts

Connectivity

Network protocol:	TCP/IP, AppleTalk, IPX/SPX, IP SEC
Supported environments:	Windows® 2000/XP/Vista/7/Server 2003/Server 2008, Citrix Presentation Server 4.0/4.5, Macintosh OS 8.6-9.2.X (OS XClassic), Macintosh OS X v10.2. or later (native mode), Novell® Netware® v6.5 or later
Interface:	
Standard:	USB 2.0, 10 base-T/100 base-T Ethernet, USB 2.0 Host
Option:	Bi-directional IEEE 1284/ECP, GigabitEthernet, Wireless LAN (IEEE 802.11a/g)

Paper handling

Paper input capacity:	
Standard:	500-sheet paper tray, 100-sheet bypass tray
Maximum:	1,100 sheets
Paper output capacity:	Up to 150 sheets (75 gsm)
Paper size:	
Standard paper tray:	A5 - A4 (min: 148 x 210 mm, max: 216 x 356 mm)
Bypass tray:	A6 - A4 (min: 64 x 125 mm, max: 216 x 1,260 mm)
Optional paper tray:	A4
Paper weight:	
Paper trays:	60 - 163 gsm
Bypass tray:	60 - 220 gsm
Optional tray:	60 - 105 gsm
Media:	
Standard paper tray:	Plain paper, middle thick/thick paper, recycled paper, colour paper, letterhead, pre-printed/thin paper, coated paper (glossy & matted), special paper
Optional paper tray:	Plain paper, middle thick/thick paper, recycled paper, colour paper, letterhead, pre-printed/thin paper
Bypass tray:	Plain paper, (middle) thick paper, recycled paper, colour paper, letterhead, pre-printed/thin paper, coated paper (glossy, thick, matted/thick), special paper

Software solutions

Font Manager 2000,
Web Image Monitor,
DeskTopBinder™ Professional

Consumables

Toner:	
C, M, Y:	6,600
K:	7,200
Maintenance kit:	135,000 prints per unit
Transfer belt unit:	135,000 prints per unit
Waste toner bottle:	55,000 prints per bottle

The Aficio™SP C320DN ships with a 2,800-sheet starter kit.

Other options

Internal options:	256/512 MB memory, 80 GB HDD with HDD encryption unit & Data Overwrite Security Unit, Wireless LAN (IEEE 802.11a/g), PictBridge, VM card, Bi-directional IEEE 1284/ECP, Gigabit Ethernet Board, NetWare
External option:	500-sheet paper tray

Ricoh has designed this product to meet EC ENERGY STAR guidelines for energyefficiency. For availability of models, options and software, please consult your local Ricoh supplier.

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