Specifications

General

Technology:	Laser beam scanning, electro photographic printing and dual component toner development
Continuous print speed:	36ppm
Warm-up time:	Less than 19 seconds
First print speed:	Less than 6.9 seconds
Dimensions (W x D x H):	388 x 450 x 345 mm
Weight (without toner cartridge):	15.5 kg (max.)
Power source:	220 - 240 V, 50/60 Hz
Power consumption:	
Maximum:	970 W
Energy saver mode:	Less than 3.9 W
Duty cycle:	150,000 pages per month

Controller

Processor:	MIPS 466MHz
Printer languages/resolution:	
PCL5e:	600 x 600 dpi
PCL6/Adobe® PostScript® 3™:	1200 x 600 dpi
Memory:	
Standard:	256 MB
Maximum:	512 MB
Drivers:	
PCL5e/PCL6:	Windows XP/Vista/7/ Server 2003/Server 2008
Adobe® PostScript® 3™:	Windows® XP/Vista/7/ Server 2003/Server 2008
	Macintosh 8.6 – 9.2
	Macintosh OSX 10.2 or later
Fonts:	
PCL:	45 Roman fonts
	13 International fonts
Adobe® PostScript® 3™:	136 fonts

Connectivity

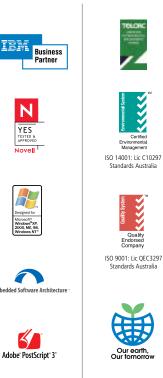|	
Network protocol:	TCP/IP, Ipsec, IPP Appletalk
Supported networks:	Windows® 2000/XP/Vista/7 Server 2003/Server 2008
	Novell® NetWare® 6.5 or later
	UNIX Sun® Solaris 2.6/7/8/9/10
	HP-UX 10.x/11.x/11i v2
	SCO OpenServer 5.07/6.0
	RedHat® Linux 6.x/7.x/8.x/9.x/Enterprise
	IBM® AIX v4.3/5L v5.1/v5.2/v5.3
	Macintosh 8.6 – 9.2x (OS X Classic)
	Macintosh X v10.2 or later (native mode)
SAP® R/3®, AS/400 using OS/400® Host Print Transform	

Interface:

Standard:	Ethernet 10 base-T/100 base-TX USB 2.0
Option:	Wireless LAN (IEEE 802.11a/g Interface) Gigabit Ethernet Board IEEE 1284 Interface Board
Packaged Software Solutions:	DeskTopBinder™ Lite
	SmartDeviceMonitor™ for Admin
	SmartDeviceMonitor™ for Client
	Web SmartDeviceMonitor™
	Web Image Monitor
	Printer utility for Macintosh
	Font Manager 2000

Paper Handling

Paper input capacity:	
Standard:	500-sheet paper tray 100-sheet bypass tray
Maximum:	1600 sheets
Paper output capacity:	
Standard:	250 sheets
Paper size:	
Paper trays:	A4 - A5
Bypass tray:	A4 - A6
Paper weight:	
Paper trays:	60 - 130gsm
Bypass tray:	60 - 162gsm
Optional duplex unit:	60 - 105gsm
Media:	
Paper Trays:	Plain paper, thick paper, letterhead, pre-printed paper
Bypass Tray:	Plain paper, thick paper, letterhead, pre-printed paper, transparencies

Consumables

Toner (Black):	15,000 sheets[1]

Options

Internal options:	80 GB Hard Disk Drive with HDD Encryption and Overwrite Unit
	128 MB SDRAM DIMM
	256 MB SDRAM DIMM
	Wireless LAN (IEEE 802.11a/g)
	Gigabit Ethernet Interface
	IEEE 1284 Interface Board
	Netware Printing Module
	IPDS Printing Module
External options:	500-sheet paper tray (up to 2 can be added)
	Envelope feeder
	Duplex unit

[1] Declared print yield value in accordance with ISO/IEC 19752

IBM Business Partner

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RICOH

Aficio™ SP 4310N

Big productivity with a
small footprint

Ricoh Laser Printers
3 years
On-site Warranty

Aficio
SP 4310N

A4

RICOH

Drive down costs and environmental impact

Speeding along at 36 pages per minute, the Aficio SP4310N significantly enhances your office productivity. With its low Total Cost of Ownership, this desktop device is the affordable printer that small offices and workgroups will quickly find indispensable. While it provides high quality print results, its low power consumption and duplex printing capability contribute to a low ecological footprint. Advanced security features such as Hard Disk Drive (HDD) Overwrite & Encryption and Locked Print offer peace of mind.

- Quick: 36 pages per minute
- Inexpensive: Low Total Cost of Ownership
- Secure: HDD protection, overwrite and encryption
- Sustainable: Eco Night Sensor, low power consumption and duplex printing

Easy to use

The simpler the better: operating the Aficio SP 4310N is easy with its 4-line LCD display, as well as emails that alert you when action is required for easy maintenance.
- Standard USB 2.0 and ethernet connectivity
- Full front access
- Simple driver installation
- Easily replaceable all-in-one toner
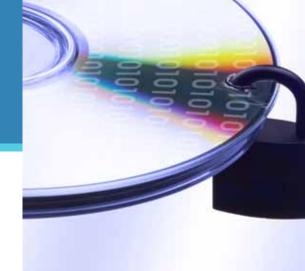
Highly productive

The Aficio SP 4310N manages all print jobs with efficiency and speed. Its warm up time is a remarkably low 19 seconds; the first print is out in 6.9 seconds.

A variety of paper types to choose from

This printer can handle a variety of paper types to fulfil your printing needs.
• Accepts stock up to 130 gsm
• Bypass tray can handle paper up to 162 gsm and transparencies

High quality printing with added functionality

The Aficio SP 4310N features a built-in IPDS Enabler, allowing you to print transactional documents such as bank statements and invoices without the need of a dedicated IPDS printer. True Adobe PostScript 3 offers precision and quality.

Security conscious

Keep your information under lock and key with the Aficio SP 4310N. Your optional HDD is fully protected with HDD Overwrite & Encryption. The Locked Print feature lets users store, release and manage confidential documents with the security of user ID and password authorisation.

Environmentally-minded

The Aficio SP 4310N has eco-friendly and money saving features that offer Energy Star compliance, so you enjoy less waste, costs and CO_2 emissions.
• ECO Night Sensor: The device's main power will turn off when the lights dim to a certain level, whether it's natural or artificial light
• Low power consumption: As low as 3.9 W in Energy Saver mode
• High toner yield means less waste and cost

Our earth,
Our tomorrow