

RICOH 501

MAIN SPECIFICATIONS

GENERAL

Configuration	Desktop
Printing process	Dry, single component & electro-photographic printing
Development	Non magnetism, single component development
Fusing	Heat roll
Maximum imageable area	211.3 x 356 mm
Warm-up time	13 seconds
First output speed: B/W	4.3 seconds
Recovery time	10 seconds
Continuous output speed	43 ppm A4/LEF (1-sided) BW, full colour (43 cpm, cpm) A4/LEF (2-sided) BW, full colour (37 cpm, cpm)
Memory: standard	2 GB
Memory: maximum	2 GB
HDD: maximum	320 GB
Weight	19.3 kg
Dimensions: W x D x H	375 x 412 x 311 mm
Power source	220 - 240 V, 50/60 Hz
Accessibility features	Normal/Reverse Grip & Light drawing Tilt Operation Panel Auditory outputs (easy to hear) Visually Accessible LED Placement
Other value added features	Folder management with password in Document Server Import/Export of Preference Settings Centralized Address Book Management Adjusting Printing Position (Adjusting Registration)

PRINTER

Printer language: standard	PCL5e PCL6 PostScript 3 (emulation) PDF direct (emulation)
Printer language: option	Genuine Adobe® PostScript®3™ IPDS PDF Direct from Adobe®
Print resolution	Maximum: 1,200 x 1,200 dpi/1bit PCL5c: 300 dpi/600 dpi PCL6: 600 dpi/1,200 dpi PS3: 300 dpi/600 dpi/1,200 dpi IPDS: 300 dpi/600 dpi
Font	Standard: IRIPS PS3/PDF/PCL (80 Roman fonts + 13 International fonts) Option: Adobe PS3 (136 Roman fonts)/IPDS (108 Roman fonts)
Network interface: standard	Ethernet 10 base-T/100 base-TX/1000 base-T USB2.0 Type B USB Host 2.0
Network interface: option	Bi-directional IEEE 1284/ECP Wireless LAN (IEEE 802.11a/b/g/n) Additional NIC (2nd port)
Mobile printing capability	Apple AirPrint™ Mopria Google Cloud Print NFC Ricoh Smart Device Connector
Printer features	Sample Print, Locked Print, Hold Print, Scheduled Print, Stored Print, Store and Print, PDF Direct Print, Mail to Print, Classification Code, Bonjour (Rendezvous) Support, Windows Active Directory Support, DDNS Support, PCL resident font adoption, Tray-Parameter Change from WebImageMonitor, 1,200 dpi Support, Universal Driver, XPS Support, WS Printer, Wireless LAN interface option, Media Direct Print (Print from USB/SD), Banner Page Print (Job Sheet Print), Auto Job Promotion, AirPrint, Poster Print, WPS(Wi-fi Protected Setup) support, Job Spool, Sub Paper Size, Extend A4 Width
Network protocol	TCP/IP (IP v4, IP v6)
Windows® environments	Windows® 7 Home Premium/Professional/Ultimate/Enterprise Windows® 8.1 Windows® 8.1 Pro/Windows 8.1 Enterprise Windows® 10 Windows® 10 Home/Windows® 10 Pro/Windows® 10 Enterprise/Windows® 10 Education Windows® Server 2008 Standard Edition/Enterprise Edition/Standard without Hyper-V/Enterprise without Hyper-V Windows® Server 2008R2 Standard Edition/Enterprise Edition Windows® Server 2012 Foundation/Essentials/Standard Windows® Server 2012R2 Foundation/Essentials/Standard Windows® Server 2016 Essentials/Standard/Datacenter/MultiPoint premium server
Mac OS environments	Macintosh OS X v10.10 or later
UNIX environments	UNIX Sun® Solaris HP-UX SCO OpenServer RedHat® Linux IBM® AIX XenDesktop Citrix XenApp
SAP® environments	SAP® R/3®, SAP® S/4®
Other supported environments	NDPS Gateway AS400® using OS/400 Host Print Transform IBM iSeries Device Option Utility (Citrix)

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Printer driver features

Send to Document Server, Sample Print, Locked Print, Hold Print, Stored Print, Stored Print(Shared), Store and Print, Store and Print(Shared), Reduce/Enlarge(Zoom/Scaling), Reduce/Enlarge Centering, Fit to Paper Size, Unauthorized Copy Control, Layout(N-up, Page per sheet), Poster, Duplex, Booklet2(Magazine), Watermark, Header/Footer, Collate, Cover Sheet(Front Cover), Front and Back Cover, Slip Sheet, Banner Page Print, Chaptering, Rotate by 180 degrees, Reverse Order Print, Do not print Blank Pages, Dithering, Toner Saving, Print Priority Setting :Quality, Print Priority Setting :Speed, User ID, User Code, User Authentication, Encryption/Encoding, Edge to Edge Print, Classification Code

PAPER HANDLING

Recommended paper size	Standard paper tray(s): (A4, A6, B4, B5, B6, Legal, Letter, Half Letter, Executive, F/GL, Foolscap, Folio, Government LG, G LT, Eng Quatro, Com10, Monarch, C5, C6, DL Env, 16K, Custom size paper), Optional paper tray(s): (A4, A5, A6, B5, B6, Legal, Letter, Half Letter, Executive, F/GL, Foolscap, Folio, Government LG, G LT, Eng Quatro, C5, Custom size paper), Bypass tray: (A4, A5, A6, B5, B6, Legal, Letter, Executive, F/GL, Foolscap, Folio, 16 KAI, Government LG, G LT, Eng Quatro, COM10, Monarch, C5, Custom Size paper)
Paper input: standard	500 sheets
Paper input: bypass	100 sheets
Paper input: option	1,500 sheets
Paper input: maximum	2,100 sheets
Paper output: standard	250 sheets
Paper weight	Trays: 52 - 220 g/m ² Optional tray(s) 52 - 220 g/m ² Bypass: 52 - 256 g/m ² Duplex: 52 - 162 g/m ²
Paper types	Plain paper Recycle paper Color paper Preprinted paper Envelope Label paper OHP

SECURITY

Authentication	Windows authentication LDAP authentication Kerberos Basic authentication User code authentication 802.1.x wired authentication
Security features	HDD Data Overwrite Security Encryption: Authentication Pwd EncryptionSSL communicationS/MIMEIPsec communicationHDD EncryptionSMTP over SSL/TLSTransport Layer Security (TLS)Wireless Lan(WEP)Wireless Lan(WPA)Wireless Lan(11i) Others: Network Protocol On/OffIP filtering (Access Control)Mask Type for Copying/Data Security for CopyingCopy Data Security Unit Option Unauthorized copy prevention (Print) Quota Setting/Account Limit SMTP over SSL

ECOLOGY

Power consumption: max.	Less than 1,260 W
Power consumption: operation	1,260 W
Power consumption: ready	79.6 W
Power consumption: sleep	0.5 W
TEC*	0.49 kWh
Sound	Sound power level 64.5 dB Sound pressure level 54.2 dB
Usage and durability ratings	APV: maximum: 10,000 prints Duty: 150,000 prints Estimated life: 5 years or 600,000 output

* It is a reference value based on the ENERGY STAR Ver.3.0 test method.

OUTPUT TRAYS OPTIONS

3x 250-sheet Paper tray	Paper size A4A5A6B5 Paper weight 52-220 g/m ²
3x 500-sheet Paper tray	Paper size A4A5A6B5B6 Paper weight 52-220 g/m ²

OTHER OPTIONS

Hard Disk Drive
VM card
IPDS unit
Genuine PostScript 3
IEEE 1284 I/F
IEEE 802.11 a/b/g/n I/F
USB Device Server
Enhanced security HDD

CONSUMABLES

Starter toner	6,000 prints
Drum	40,000 sheets

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Toner (regular yield)	3,000 prints
Toner (high yield)	14,000 prints
Consumable yield measuring method ISO/IEC 19752	