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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 Adress 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: (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 PremiumProfessionalUltimateEnterprise Windows® 8.1 Windows® 8.1Windows 8.1 ProWindows 8.1 Enterprise Windows® 10 Windows® 10 HomeWindows® 10 ProWindows® 10 EnterpriseWindows® 10 Education Windows® Server 2008 Standard EditionEnterprise EditionStandard without Hyper-VEnterprise without Hyper-V Windows® Server 2008R2 Standard EditionEnterprise Edition Windows® Server 2012 FoundationEssentialsStandard Windows® Server 2012R2 Windows® Server 2016 EssentialsStandardDatacenterMultiPoint 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 Citrix XenApp
SAP® environments	SAP® R/3®, SAP® S/4®
Other supported environments	NDPS Gateway AS/400® using OS/400 Host Print Transform Device Option Utility (Citrix) Linux environment
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

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Back Cover, Slip Sheet, Banner Page Print, Chaptering, Rotate by 180 degrees, Do not print Blank Pages, Dithering, Toner Saving, User ID, User Code, User Authentication, Encryption/Encoding, Edge to Edge Print, Classification Code

PAPER HANDLING

Recommended paper size	Standard paper tray(s): (A4, A5, 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, 16 KAI, Government LG, G LT, Eng Quatro, COM10, 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/m²), Optional tray(s) (52 - 256 g/m²), Bypass: (52 - 162 g/m²), Duplex: (52 - 162 g/m²)
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 Encryption, SSL communication, S/MIME, IPsec communication, HDD Encryption, SMTP over SSL/TLS, Transport Layer Security (TLS), Wireless Lan(WEP), Wireless Lan(WPA), Wireless Lan(11i)), Others: (Network Protocol On/Off, IP filtering (Access Control), Mask Type for Copying/Data Security for Copying , Copy 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 A4A5A6B5B6
	Paper weight 52-220 g/m²
3x 500-sheet Paper tray	Paper size A4A5A6B5B6
	Paper weight 52-220 g/m²

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

CONSUMABLES

Starter toner	17,400 prints
Drum	70,000 sheets
Toner (regular yield)	17,400 prints
Photo conductor/developer unit	Black (70,000 sheets)
Consumable yield measuring method ISO/IEC 19752	