



KONICA MINOLTA



bizhub 421 PRINTER_COPIER_SCANNER_FAX_

SLEEK DESIGN, HIGH SPEED AND SUPERIOR PRODUCTIVITY. With high-speed 42 ppm output, high-volume monthly duty cycle and enhanced security protection for sensitive documents in the digital era, the bizhub® 421 is designed to power up your productivity while controlling costs. Its sleek styling, small footprint and hidden cables give you a central document resource that looks good from any angle—and gives everyone fast access to its superb print/scan performance. You'll also have fast 70 opm scanning to multiple destinations, modular finishing options for in-house printing, plus fax, connectivity and software options for a right-size solution that can grow with your business.



business_by design

CONNECT_COMMUNICATE_CONTROL



- ▶ HIGH-SPEED 42 PPM OUTPUT IN HIGH-RESOLUTION B&W
- ▶ HIGH-VOLUME 150,000 PAGE-PER-MONTH DUTY CYCLE
- ▶ SIMITRI® POLYMERIZED TONER FOR MORE FINE DETAIL
- ▶ POWERFUL EMPERON® PRINT SYSTEM, PCL/PS EMULATION*
- ▶ WINDOWS VISTA SUPPORT WITH NATIVE XPS INTERPRETER AND DPWS PROTOCOL FOR IMPROVED NETWORK CONNECTIVITY
- ▶ LARGE COLOR LCD TOUCH-SCREEN, MULTIPLE PAGE THUMBNAIL PREVIEW
- ▶ 70 OPM SCANNING, SIMULTANEOUS BIZHUB SEND FUNCTION
- ▶ 5,650-SHEET MAXIMUM PAPER CAPACITY (WITH OPTIONS)
- ▶ STANDARD DUPLEXING, HEAVY STOCK SUPPORT
- ▶ MODULAR FINISHING OPTIONS: BOOKLETS, STAPLING, HOLE-PUNCH
- ▶ SUPER G3 FAX OPTION, OPTIONAL DUAL LINE SUPPORT
- ▶ ADVANCED SECURITY: BIOMETRIC & HID CARD AUTHENTICATION OPTIONS
- ▶ i-OPTION™ WITH WEB BROWSER, IMAGE PANEL DISPLAY AND ENHANCED PDF ENCRYPTION
- ▶ POWERFUL PAGESCOPE® SOFTWARE, PAGESCOPE ENTERPRISE SUITE VER. 1.2

The essentials of imaging

* Optional IC-207 Image Controller required for printing.



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General Specifications:

TYPE:	Digital Printer/Copier/Scanner/Fax
TONER TYPE:	Simitri® Polymerized Toner
MONTHLY DUTY CYCLE:	150,000
PRINT/COPY SPEED:	B&W: 42 ppm (letter, portrait)
PRINT/COPY RESOLUTION:	2400 dpi equivalent x 600 dpi/600 dpi x 600 dpi
SCAN SPEED/SCAN RESOLUTION:	Up to 70 opm (@ 300 dpi, letter)/200 dpi, 300 dpi, 400 dpi, 600 dpi (B&W only)
SCAN FILE FORMATS:	TIFF, PDF, XPS, Encrypted PDF
MEMORY/HARD DISK DRIVE:	1,024 MB (shared print, copy, scan and fax memory)/60 GB HDD (optional, shared print, copy, scan, fax)
ORIGINAL SIZE:	Up to 11" x 17" (scanning/copying)
PAPER SIZE:	5.5" x 8.5" to 11" x 17"
PAPER WEIGHT:	16 lb. to 28 lb. bond, Manual Bypass: 13 lb. bond to 110 lb. index
WARM-UP TIME:	Less than 30 seconds
FIRST COPY:	Less than 3.6 seconds (letter)
COPY QUANTITY:	1 - 999
STANDARD PAPER SUPPLY:	500-sheet universal cassette (20 lb.), 500-sheet universal cassette (20 lb.), 150-sheet bypass (20 lb.)
MAGNIFICATION:	Zoom range: 25% - 400%, 0.1% increments, Preset reduction: 79%, 77%, 65%, 50%, Preset enlargement: 121%, 129%, 155%, 200%
COPY EXPOSURE MODES:	Text (legible text), Text/Photo (clear text and halftones), Photo, Dot Matrix
MAXIMUM PAPER CAPACITY:	5,650 sheets (total, with options)
DOCUMENT FEEDER:	Capacity: 80 sheets, Original size: Up to 11" x 17", 1-sided, 2-sided originals, mixed original detection
POWER REQUIREMENTS:	120V, 60MHz, 12A
POWER CONSUMPTION:	Less than 1,560W
DIMENSIONS (W x D x H):	26.7" x 27.9" x 35.2"
WEIGHT:	Approx. 215 lbs. (Main Unit + ADF)
OPTIONS:	AU-101 Biometric Authentication Unit, AU-201H HID Card Authentication Unit, DK-506 Desk/Storage Drawer, EK-703 USB Host Board (Local I/F Kit), FK-502 Fax Kit, FS-522 Built-in Base Finisher (50 sheets), FS-523 Staple Finisher (50 sheets/including RU-507 Relay Unit), HD-509 60GB Hard Disk Drive, IC-207 Image Controller, JS-502 Job Separator (requires OT-504), LK-101 i-Option, LK-102 i-Option, LU-203 Large Capacity Unit, ML-503 Fax Multi Line, MT-502 Mail Bin Kit (for FS-522), OT-602 Output Tray (for FS-522), PC-206 500-Sheet Universal x 2, PC-407 Paper Feed Cabinet (2,500 sheets), PU-501 Punch Kit Unit (for FS-522), SC-505 HDD Encryption Kit, SD-507 Saddle Stitcher (for FS-522), SP-501 Fax Stamp Kit, UK-202 i-Option Upgrade Kit, WT-502 Working Table
AVAILABLE PRINT/COPY FUNCTIONS:	Account Track (100 accounts; 1,000 accounts with optional HDD), APS/AMS, Auto Duplex, Auto Reset, Auto Tray Switching, Bi-Directional Communication (Device Option Setting), Box Function, (Store Copy Jobs, Print Jobs, Scans, Fax Data, Print Stored Data, Route Scanned Data), Copy Modes (Simplex/Duplex, 2-in-1, 4-in-1, 8-in-1, Book Copy (Separation), Book Mode Copy), Copy Protect, Cover Mode, Creative Functions (XY Zoom, Image Centering, Neg./Pos. Reverse, Image Repeat), Criss-Cross Sorting, Encrypted Network Password Printing, Form Overlay, Frame Erase, Energy Save Mode, Enlarge Display, Erase (Border, Frame, Edge) Mode, Finishing (Group, Sort, Staple, Punch, Center Staple and Fold), HDD Random Erase, Image Density Adjustment (Density, Background Removal), Image Overlay, Image Preview (Job Finishing Image Display, Engine Configuration Display), Interrupt, Job List, Job Erase, Job Reserve, LDAP/up to 5 LDAP servers/Global LDAP, OHP Interleaving, Mixplex, Mix-Media, Program/Recall Jobs, Paper Size Selection (APS, Manual), Paper Type Selection, Proof Copy, Secure Printing, Separate Scan, Skip Job Operation, Sleep Mode, User Authentication (Synchronize w/ Account Track), Utility (Meter Count, Environment Setting, Default Setting, One-Touch Setting, Check Consumable Life, Admin. Mode), Watermarks, Zoom Selection (AMS, Fixed Zoom Ratio, User Programmable Zoom Ratio, Manual) Scan-to-Email, Scan-to-FTP, Scan-to-SMB (Scan-to-Desktop), Scan-to-HDD (Scan-to-User Box), Network TWAIN (HDD TWAIN), Scan-to-WebDAV, Scan-to-USB, WS-Scan
AVAILABLE SCAN FUNCTIONS:	Autodialing (1,000 one-touch keys w/o HDD/2,000 one-touch keys w/ optional HDD), Auto Memory Reception, Auto Reduction Printing, Border Erase Transmission, Broadcasting (maximum 621 locations), Bulletin Board, Density Adjustment, Duplex Transmission/Reception, Exposure Mode (Text, Text/Photo, Photo, Dot Matrix), Group Dialing (up to 500 one-touches per group), Image Rotation Transmission/Reception, Mailbox (Private) Transmission/Reception, Memory/Quick Dial, Mixed Originals Transmission, Original Size Designation, Overseas Transmission, Password Transmission/Reception, PC Fax, Polling Transmission/Reception, Priority Transmission, Print Setting for Overnight Reception, Program Dialing (400 programs), Redial, Relay Broadcasting, Relay Transmission, Remote Reception, Timer Transmission, TSI User Box, TSI User Box Routing
AVAILABLE FAX FUNCTIONS:	Super G3 compatibility; JBIG data compression, 33.6 Kbps modem speed, F-Code Support
FAXING (with fax option):	Approximately 2.4 seconds/page
FAX TRANSMISSION SPEED:	Text, Text/Photo, Photo, Dot Matrix
FAX EXPOSURE MODES:	
APPLICATIONS:	Network & Device Management: PageScope Net Care Device Manager, PageScope NDPS Gateway, PageScope EMS Plug-Ins, PageScope Network Setup, PageScope Data Administrator, HDD Backup Utility, PageScope Web Connection User Tools: PageScope Direct Print, PageScope Box Operator, PageScope Print Status Notifier, Font Management Utility, Print Utility for Unix



PROCESSOR:	600 MHz
RAM:	1,024 MB (shared with main body)
HARD DISK DRIVE:	60 GB (shared scan and copier HDD) optional
PAGE DESCRIPTION LANGUAGE:	PCL5e PCL6 (XL version 3.0) Emulation, PS3 (version 3016) Emulation, XPS (XML Paper Specification)
FONT:	PCL Resident Fonts: 80 outline, PS3 Emulation Resident Fonts: 137 outline
PRINT DRIVERS:	PCL6: Windows 2000, Windows XP (Home/Professional), Windows Server 2003, Windows XP Professional x64, Windows Server 2003 x64, Windows NT 4.0, Windows Vista (x32, x64) PS3: Windows 2000, Windows XP (Home/Professional), Windows Server 2003, Windows XP Professional x64, Windows Server 2003 x64, Windows Vista (x32, x64) Universal PS3 and PCL: Windows 2000, Windows XP, Windows Server 2003, Windows Vista, Windows Server 2008 (x32, x64) XPS: Windows Vista (x32, x64), Mac OS 9.2 (PPD File), Mac OS X 10.2, 10.3, 10.4, 10.5, Intel-based 10.4, 10.5 (print driver)
STANDARD INTERFACES:	10Base-T/100Base-TX/1000Base-T, USB 2.0 (optional)
PROTOCOLS:	TCP/IP, IPX/SPX, AppleTalk (EtherTalk), LPR, SMB, LPD, Netware (4.x, 5, 6), Pserver, N Printer, NDPS, IPP 1.1, SMTP, POP3, LDAP, SSL, SNMP, HTTP/HTTPS, IPv6, DPWS (WSD)
MANAGEMENT TOOLS:	bizhub vCare capable
OPTIONAL SOFTWARE:	PageScope Workware, PageScope Enterprise Suite Ver. 1.2: PageScope Account Manager, PageScope Authentication Manager, PageScope MyPanel Manager

*IC-207 Image Controller required for printing.



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Design and specifications are subject to change without notice. Some functions may require options, which may or may not be available at time of launch.