



KONICA MINOLTA

Count on the bizhub C452 for spectacular color and cost-effective B&W documents at up to 45 ppm. Exclusive high-speed image stabilization gives you superior detail with consistent quality – and Simitri® HD toner uses Biomass, a renewable organic resource that reduces environmental impact. Print/scan productivity is built in, with fast, flexible scanning to share information more easily. You'll be able to import and export files to/from User Boxes, use optional Bluetooth® printing for added convenience, and add a powerful Fiery® Image Controller for graphics-intensive applications. A compact Floor Finisher option provides modular functions such as 50-sheet stapling, 60-page booklet-making, and 2/3-hole punching – and you can add a Super G3 fax option and a Scan Accelerator Kit option for optimum performance with 3rd-party document management solutions. Speed, security and right-size design: that's why businesses count on bizhub.

## a total document solution in **color** and **b&w**.



full color printer/copier/scanner/fax



### **bizhub C452**

- 8.5" COLOR TOUCH-SCREEN WITH THUMBNAIL PREVIEW
- BUILT-IN EMPERON® PRINT SYSTEM, PCL6/PS3, NATIVE XPS
- UNIVERSAL PRINTER DRIVER: COMMON INTERFACE, STANDARD COMMANDS
- AWARD-WINNING MYTAB: QUICK ACCESS TO CUSTOM PRINT SETTINGS
- 78 OPM SCANNING WITH SCAN-TO-ME, SCAN-TO-HOME
- 6,650-SHEET PAPER CAPACITY FOR LONG PRINT/COPY RUNS
- FRONT ACCESS FOR USB PRINTING AND SCANNING
- STANDARD 250 GB HDD FOR HIGH-CAPACITY STORAGE
- BOOKLET-MAKING, STAPLING, 2/3-HOLE PUNCH OPTIONS
- i-OPTION™ KITS: SEARCHABLE PDF, WEB ACCESS, PDF ENCRYPTION
- SCAN ACCELERATOR KIT OPTION TO MAXIMIZE PRODUCTIVITY
- ENHANCED SECURITY FEATURES, VERSATILE AUTHENTICATION OPTIONS
- PAGESCOPE® SOFTWARE FOR SEAMLESS NETWORKING
- GREEN TECHNOLOGIES TO SAVE ENERGY, REDUCE WASTE

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Konica Minolta has a strong commitment towards a sustainable future. Please visit our website to learn more about our environmental initiatives and our exclusive Clean Planet Program.

[www.countonkonicaminolta.com](http://www.countonkonicaminolta.com)

# bizhub C452



full color printer/copier/scanner/fax

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## General Specifications:

TYPE:	Full-Color Printer/Copier/Scanner with Stationary Platen
PRINT/COPY PROCESS; TONER TYPE:	Tandem Process; Simitri® HD Toner with Biomass
MONTHLY DUTY CYCLE:	150,000
PRINT/COPY SPEED:	Full Color: 45 ppm (letter, portrait), B&W: 45 ppm (letter, portrait)
PRINT/COPY RESOLUTION:	1800 dpi equivalent x 600 dpi
SCAN SPEED/SCAN RESOLUTION:	Full Color: 78 opm (@ 300 dpi, letter), 55 opm (@ 600 dpi, letter), B&W: 78 opm (@ 300 dpi, letter), 65 opm (@ 600 dpi, letter) / 200 dpi, 300 dpi, 400 dpi, 600 dpi
SCAN FILE FORMATS:	TIFF, PDF, Compact PDF, JPEG, XPS, Compact XPS
MEMORY/HARD DISK DRIVE:	2 GB (shared print, copy, scan and fax memory)/250 GB HDD (shared print, copy, scan and fax)
GRADATION:	256 color shades per pixel
ORIGINAL SIZE:	Up to 11" x 17" (scanning/copying), Up to 11" x 17" full bleed on 12" x 18" paper (printing)
COPY SIZE:	Tray 1 (universal cassette): 5.5" x 8.5" to 12" x 18", Tray 2 (universal cassette): 5.5" x 8.5" to 12" x 18", Tray 3 (fixed cassette): 8.5" x 11", 5.5" x 8.5", 4" x 6", Tray 4 (fixed cassette): 8.5" x 11", 5.5" x 8.5", 4" x 6", Bypass Tray: 4" x 6" to 12" x 18", 8" x 13"
WARM-UP TIME/FIRST COPY TIME:	30 seconds or less (from Sub SW), 45 seconds or less (from Main SW)/Full Color: 6 seconds or less (letter), B&W: 4.8 seconds or less (letter)
COPY QUANTITY:	1 – 9,999
MAGNIFICATION:	Zoom range: 25% – 400%, 0.1% increments, Preset reduction: 79%, 73%, 65%, 50%, Preset enlargement: 121%, 129%, 155%, 200%
COLOR MODES:	Auto Color, Full Color, Black & White, 2-Color, Single Color
COPY EXPOSURE MODES:	Text (legible text), Text/Photo (clear text and halftones), Photo (optimized for gradations), Map (fine edges and legible text), Dot Matrix (dot matrix or pencil originals), Copied Paper
FAXING (optional):	Super G3 compatibility, MH, MR, MMR, JBIG data compression, 33.6 Kbps modem speed, F-Code support
FAX TRANSMISSION SPEED:	Less than 3 seconds/page (JBIG, standard resolution)
FAX EXPOSURE MODES:	Text, Text/Photo, Photo, Dot Matrix
STANDARD PAPER CAPACITY:	500-sheet universal cassette (17 lb. bond to 140 lb. index), 500-sheet universal cassette (17 lb. bond to 140 lb. index), 1,500-sheet cassette (17 lb. bond to 140 lb. index), 1,000-sheet cassette (17 lb. bond to 140 lb. index), 150-sheet bypass (17 lb. bond to 100 lb. cover or up to 300 gsm)
MAXIMUM PAPER CAPACITY:	6,650 sheets (total, with options)
DOCUMENT FEEDER (standard):	Reversing Automatic Document Feeder, Speed: Full Color: 78 opm, B&W: 78 opm, Paper Capacity: 100 Sheets, Paper Size: 5.5" x 8.5" to 11" x 17", Paper Weight: Single-sided: 9.25 lb. bond to 55.75 lb. bond, Double Sided or mixed: 13.25 lb. bond to 34 lb. bond
POWER REQUIREMENTS/CONSUMPTION:	120V, 60Hz/Less than 2,000W
DIMENSIONS (W x D x H)/WEIGHT:	25.5" x 36"(30.5" without control panel) x 42.25"(includes RADF)/487.81 lb.
OPTIONS:	AU-102 Biometric Authentication Unit, AU-201H HID Card Authentication Unit, AU-202H iClass Card Authentication Unit, C652 Series/C360 Series Fax Kit, EK-604 USB Interface for External Keyboard, EK-605 USB Interface for External Keyboard and Bluetooth Support, External Keyboard, FK-502 Fax Board, FS-527 Floor Finisher, IC-412 Image Controller (EFI Fiery Controller), JS-504 Job Separator Tray, JS-603 Job Separator Tray (3rd Output Tray), KH-101 Keyboard Holder, LK-101 v2 i-Option, LK-102 i-Option, LK-105 i-Option, LU-204 Large Capacity Unit, LU-301 Large Capacity Unit, MK-720 Fax Connection Kit, OT-503 Output Tray (Exit Tray), PK-517 Punch Kit, SA-502 Scan Accelerator Kit, SC-507 Copy Guard Kit, SD-509 Saddle Stitcher Kit, Spare TX Marker Stamp 2, SP-501 Fax Stamp Unit, UK-203 i-Option Memory Upgrade Kit, WT-506 Working Table, VI-505 Video Interface Kit for IC-412
AVAILABLE PRINT/COPY FUNCTIONS:	Account Track (1,000 accounts), Administration Mode, Auto Duplex, Auto Trapping, Auto Tray Switching, Bi-Directional Communication, Black Over Print, Card Shot, Color Modes & Functions (Auto Color/Full Color, Black & White Mode, Single Color Mode, 2-Color Mode), Color Adjustments, Copy Guard, Copy Modes (Simplex/Duplex, 2-in-1, 4-in-1, 8-in-1, Book, Booklet, Booklet + Bind), Cover Mode, Creative Functions (Mirror Image, XY Zoom, Image Center, Base Color, Neg./Pos. Reverse, Image Repeat), Encrypted Network Password Printing, Energy Save Mode, Enlarge Display, Erase (Border, Frame, Edge) Mode, Finishing (Group, Sort, Staple, Punch, Half-Fold, Center Staple and Fold), Form Overlay, Glossy Mode, HDD Encryption, HDD Job Overwrite, HDD Sanitizing, Image Adjustments (Color Matching, Pure Black Auto ON/OFF, Color Balance, Screen Settings, Image Smoothing ON/OFF), Image Preview (Job Finishing Image Display, Engine Configuration Display), Interrupt, Job List, Job Reserve, Job Skip, LDAP, Mixplex, Mix-Media, MyTab, Non-Image Area Erase, OHP Interleaving, Password Copy, Program/Recall Jobs, Paper Type Selection (Normal, Thick 1/1+, Thick 2, Thick 3, Thick 4), Print Modes (Simplex/Duplex, 2-in-1, 4-in-1, 6-in-1, 9-in-1, 16-in-1, Booklet, Booklet + Bind), Print from USB, Proof Copy, Secure Printing, Separate Scan, Text Enhancement, User Authentication (Up to 20 Authentication Servers) (Synchronize w/Account Track), User Box Function, Utility (Meter Count, Environment Setting, Default Setting, One-Touch Setting, Check Consumables Life), Watermark, Zoom Selection
AVAILABLE SCAN FUNCTIONS:	Scan-to-Email, Scan-to-FTP, Scan-to-HDD (Scan-to-User Box), Scan-to-Me/Scan-to-Home, Scan-to-SharePoint, Scan-to-SMB (Scan-to-Desktop), Scan-to-USB, Scan-to-WebDAV, Color Internet Fax, Network TWAIN, WS-Scan
AVAILABLE FAX FUNCTIONS:	Autodialing (2,000 one-touches), Auto Memory Reception, Auto Reduction Printing, Broadcasting (maximum 605 locations), Bulletin Board, Duplex Transmission/Reception, Exposure Mode, Group Dialing (up to 500 one-touches per group), Image Rotation Transmission/Reception, Mailbox Transmission/Reception, Memory/Quick Dial, Overseas Transmission, Password Transmission/Reception, PC-Fax, Polling Transmission/Reception, Priority Transmission, Print Setting or Overnight Reception, Program Dialing (400 programs), Redial, Relay Broadcasting, Relay Transmission, Remote Reception, Timer Transmission, TSI Routing
APPLICATIONS:	<b>Network &amp; Device Management:</b> PageScope Data Administrator, Driver Packaging Utility, HDD Back-Up Utility, Download Manager (ICC Color Profile Utility), Log Management Utility <b>User Tools:</b> PageScope Web Connection, PageScope Direct Print, PageScope Box Operator, PageScope Print Status Notifier, Font Management Utility, Copy Protect Utility, Print Utility for Unix bizhub vCare support
MANAGEMENT TOOLS:	
OPTIONAL SOFTWARE:	PageScope Workware, <b>PageScope Enterprise Suite:</b> PageScope Account Manager, PageScope Authentication Manager, PageScope My Panel Manager, PageScope Net Care Device Manager (standard)
Emperon Print System (standard):	
PROCESSOR; MEMORY/HARD DISK DRIVE:	1 GHz (MC 7448); 2 GB (shared copier memory)/250 GB (shared copier HDD)
PAGE DESCRIPTION LANGUAGE; FONTS:	PCL5e/c, PCL6 (XL v.3.0) Emulation, PS3 (v.3016) Emulation, XPS v.2.1.4.0 (XML Paper Specification); PCL: 80 fonts, PostScript 3 Emulation: 137 fonts
PRINT DRIVERS:	<b>PCL6:</b> Windows 2000 Professional, Windows NT 4.0, Windows XP Home/Professional (x32, x64), Windows Vista (x32, x64), Windows 7 (x32, x64), Windows Server 2003 (x32, x64), Windows Server 2008 (x32, x64) <b>PS3:</b> Windows 2000 Professional, Windows XP Home/Professional (x32, x64), Windows Vista (x32, x64), Windows 7 (x32, x64), Windows Server 2003 (x32, x64), Windows Server 2008 (x32, x64) <b>Universal PS3 and PCL:</b> Windows 2000, Windows XP, Windows Vista, Windows 7* (x32, x64), Windows Server 2003, Windows Server 2008 (x32, x64) <b>XPS:</b> Windows Vista (x32, x64), Windows 7 (x32, x64), Windows Server 2008 (x32, x64) <b>Mac:</b> OS 9.2 (PPD file), OS X 10.2, 10.3, 10.4; Intel-based: 10.4 (print driver), 10.5, 10.6 10 BASE-T/100 BASE-TX/1000 BASE-T, USB 1.1, USB 2.0
INTERFACE:	TCP/IP, IPX/SPX, AppleTalk (EtherTalk), LPR, SMB, LPD, Netware (4.x, 5, 6), Pserver, Nprinter, NDPS, IPP 1.1, SMTP, POP3, LDAP, SSL/TLS, SNMP, HTTP/HTTPS, IPv6, DPWS (WSD)
PROTOCOLS:	

## Fiery IC-412 Embedded Image Controller (optional):

PROCESSOR; MEMORY/HARD DISK DRIVE:	Intel Celeron 1.86 GHz FSB 533 MHz; 512 MB (standard/max)/80 GB HDD
PAGE DESCRIPTION LANGUAGE; FONTS:	PCL6, Adobe PostScript 3 (version 3017); PCL: 80 fonts, Adobe PS3: 136 fonts
PRINT DRIVERS:	<b>PCL6, PS3:</b> Windows 2000, Windows XP (x32, x64), Windows Vista (x32, x64), Windows 7 (x32, x64), Windows Server 2003, Windows Server 2008 (x32, x64) (utilities only) <b>Mac:</b> OS 9.2 (PPD file), OS X 10.2, 10.3, 10.4; Intel-based: 10.4 (print driver), 10.5, 10.6 10 BASE-T/100 BASE-TX/1000 BASE-T, RJ45
INTERFACE:	TCP/IP, IPX/SPX, AppleTalk (EtherTalk), LPR, SMB, NDPS Gateway on Netware 5.0 or later, IPP, LDAP, SSL/TLS, SNMP, HTTP/HTTPS, IPv6
PROTOCOLS:	EFI Command Workstation, ColorWise ProTools, EFI Spot-On, EFI WebTools, Fiery Remote Scan, Fiery VUE
STANDARD SOFTWARE:	EFI Hot Folders/Virtual Printers, Auto Trapping, Color Profiler Suite, EFI Impose, Secure Erase, ES-1000 Spectrophotometer
OPTIONAL SOFTWARE:	

\*Universal Printer Driver for Windows 7 anticipated availability Summer 2010.



KONICA MINOLTA

Konica Minolta Optimized Print Services offers a full suite of device output and services and workflow solutions that increase efficiency and control costs. Please contact your authorized Konica Minolta sales representative for details.

KONICA MINOLTA BUSINESS SOLUTIONS U.S.A., INC.

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