



KONICA MINOLTA

**bizhub** C451i

Color A3 multifunctional

**bizhub  
i-SERIES IS  
SMARTER  
WORKING**  
RETHINK IT



Giving Shape to Ideas

## CUSTOMER BENEFITS



**Intuitive operability**  
Operate the bizhub like a smartphone or tablet with fully customized user interface



**Mobile connectivity**  
Print anytime from anywhere with Konica Minolta's innovative mobile technologies



**Security**  
Secure network integration, data encryption, hard drive overwrite, and advanced user authentication



**Application ecosystem**  
Enhanced efficiency thanks to Konica Minolta's extensive applications portfolio



**Productivity**  
Reliability, high-speed scanning and printing, combined with powerful finishing functions



**Sustainability**  
Numerous eco features reduce energy consumption and costs

## OPTIONS

### 1 ENHANCED FEATURES

- Barcode fonts  
LK-106
- Unicode fonts  
LK-107
- OCR A and B fonts  
LK-108
- Document converter pack  
LK-110v2
- ThinPrint® client  
LK-111
- Antivirus  
LK-116



### 2 CONNECTIVITY

- Fax board  
FK-514 x2
- Wireless LAN  
UK-221
- USB I/F kit  
EK-608
- USB I/F kit  
EK-609 OR
- Fiery controller  
IC-420
- Interface kit for IC-420  
VI-516
- Interface board for IC-420  
UK-115
- Card authentication  
ID card reader
- Mount kit  
MK-735

### 3 OTHERS

- Working table  
WT-506
- Offline Stapler  
FS-P04
- 10-Key pad  
KP-102
- Replacement SSD  
EM-908
- Keyboard holder  
KH-102
- Convenience Stapler  
CS-2

### 4 MEDIA INPUT

- 1x Universal tray  
PC-116 OR
- 2x Universal tray  
PC-216 OR
- Large capacity tray  
PC-416 OR
- Large capacity tray  
PC-417 OR
- Copier desk  
DK-516x OR
- Large capacity tray  
LU-302 OR
- Large capacity tray  
LU-207 OR
- Banner tray  
MK-730

### 5 MEDIA OUTPUT

- Output tray  
OT-513 OR
- Job separator  
JS-508 OR
- Inner finisher  
FS-533 OR
- Attachment kit  
MK-607 OR
- Punch kit for FS-533  
PK-519 OR
- Staple finisher  
FS-539 OR
- Relay unit  
RU-513 OR
- Booklet finisher  
FS-539SD OR
- Relay unit  
RU-513 OR
- Punch kit for FS-539/SD  
PK-524 OR
- Staple finisher  
FS-540 OR
- Relay unit  
RU-513 OR
- Booklet finisher  
FS-540SD OR
- Relay unit  
RU-513 OR
- Punch kit for FS-540/SD  
PK-526 OR
- Post inserter for FS-540/SD  
PI-507 OR
- Job separator for FS-540/SD  
JS-602 OR
- Z-fold unit for FS-540/SD  
ZU-609

#### LEGEND

- Mandatory option
- Option
- This option can only be installed with the respective option above it

## FINISHING FUNCTIONALITIES



Corner stapling



Two-point stapling



Two-hole punching



Three-hole punching



Duplex



Combined mixplex/mixmedia



Half-fold



Sheet insertion



Letter-fold



Booklet



Offset sorting



Z-fold



Banner printing



Corner Stapling (offline)

## ENHANCED FEATURES

LK-106 Barcode fonts	Supports native barcode printing
LK-107 Unicode fonts	Supports native Unicode printing
LK-108 OCR A and B fonts	Supports native OCR A and B font printing
LK-110v2 Document file conversion	Supports Searchable PDF and OOXML (DOCX, XLSX, etc.) file formats
LK-111 ThinPrint client	Print data compression for reduced network impact
LK-116 Antivirus	Bitdefender® antivirus provides real time scanning of all incoming and outgoing data

## CONNECTIVITY

FK-514 Fax board	Super G3 fax, digital fax functionality
UK-221 Wireless LAN	Wireless LAN and wireless LAN Access Point Mode
EK-608 USB I/F kit	USB keyboard connection
EK-609 USB I/F kit	USB keyboard connection, Bluetooth
IC-420 Fiery controller	Professional color print controller
VI-516 Interface kit for IC-420	Fiery controller interface card
UK-115 Mount kit	Fiery controller mount kit
AU-205H ID card reader	Supports various ID card technologies
MK-735 Mount kit	Installation kit for ID card reader

## OTHERS

WT-506 Working table	Authentication device placement
KP-102 10-Key pad	For numeric entry instead of touchscreen
SC-509 Security kit	Copy guard function
EM-908 SSD	1 TB SSD to increase storage space
FS-P04	Offline Stapler
CS-2	Convenience Stapler
KH-102 Keyboard holder	To place USB keyboard
External keyboard	Keyboard for alpha numeric data entry

## MEDIA INPUT

PC-116 1x Universal tray	500 sheets / 5.5" x 8.5" - 11" x 17" / 52-256 g/m <sup>2</sup>
PC-216 2x Universal tray	2x 500 sheets / 5.5" x 8.5" - 11" x 17" / 52-256 g/m <sup>2</sup>
PC-416 Large capacity tray	2,500 sheets / 8.5" x 11" / 52-256 g/m <sup>2</sup>
PC-417 Large capacity tray	1,500 + 1,000 sheets / 5.5" x 8.5" or 8.5" x 11" / 52-256 g/m <sup>2</sup>
LU-302 Large capacity tray	3,000 sheets / 8.5" x 11" / 52-256 g/m <sup>2</sup>
LU-207 Large capacity tray	2,500 sheets / 8.5" x 11" - 12" x 18" / 52-256 g/m <sup>2</sup>
MK-730 Banner tray	Multipage banner feeding
DK-516 Copier desk	Provides storage space for print media and other materials

## MEDIA OUTPUT

OT-513 Output tray	Output tray used instead of finisher
JS-508 Job separator	Separation of fax output; etc.
FS-533 Inner finisher	50-sheet stapling, 500 sheets max. output
MK-607 Attachment kit	For FS-533 installation
PK-519 Punch kit for FS-533	2/4 hole punching, auto switching
FS-539 Staple finisher	50-sheet stapling / 3,200 sheets max. output
FS-539SD Booklet finisher	50-sheet stapling / 20-sheet booklet finisher / 2,200 sheets max. output
PK-524 Punch kit for FS-539/SD	2/3 hole punching, auto switching
FS-540 Staple finisher	100-sheet stapling / 3,200 sheets max. output
FS-540SD Booklet finisher	100-sheet stapling / 20-sheet booklet finisher / 2,700 sheets max. output
PK-526 Punch kit for FS-540/SD	2/3 hole punching, auto switching
RU-513 Relay unit	For FS-539/SD or FS-540/SD installation
JS-602 Job separator for FS-540/SD	Separation of fax output, etc.
PI-507 Post inserter for FS-540/SD	Cover insertion, post finishing
ZU-609 Z-fold unit for FS-540/SD	Z-fold for 11" x 17" prints

## TECHNICAL SPECIFICATIONS

### SYSTEM SPECIFICATIONS

System speed 8.5" x 11"	Up to 45/45 ppm (mono/color)
System speed 11" x 17"	Up to 22/22 ppm (mono/color)
Auto duplex speed 8.5" x 11"	Up to 45/45 ppm (mono/color)
1st page out time 8.5" x 11"	3.8/5.0 sec. (mono/color)
Warm-up time	Approx. 15/17 sec. (mono/color) <sup>1</sup>
Imaging technology	Laser
Toner technology	Simitri® HD polymerized toner
Panel size/resolution	10.1" / 1,024 x 600
System memory	8 GB (standard/max.)
System hard drive	256 GB SSD (standard) / 1 TB SSD (optional)
Interface	10/100/1,000-Base-T Ethernet, USB 2.0, Wi-Fi 802.11 b/g/n/ac (optional)
Network protocols	TCP/IP (IPv4 / IPv6) / SMB / LPD / IPP / SNMP / HTTP(S) / Bonjour
Automatic document feeder	Up to 300 originals / 5.5" x 8.5" - 11" x 17" / 35-210 g/m <sup>2</sup> / Dualscan ADF
ADF double feed detection	Standard
Printable paper size	3.5" x 5.5" - 12" x 18" / customized paper sizes / banner paper max. 47.2" x 11.7"
Printable paper weight	52-300 g/m <sup>2</sup>
Paper input capacity	1,150 sheets / 6,650 sheets (standard/max.)
Paper tray input (standard)	1 x 500 / 3.5" x 5.8" - 11" x 17" / custom sizes / 52-256 g/m <sup>2</sup> 1 x 500 / 5.5" x 8.5" - 12" x 18" / custom sizes / 52-256 g/m <sup>2</sup>
Paper tray input (optional)	1 x 500 / 5.5" x 8.5" - 11" x 17" / 52-256 g/m <sup>2</sup> 2 x 500 / 5.5" x 8.5" - 11" x 17" / 52-256 g/m <sup>2</sup> 1 x 2,500 / 8.5" x 11" / 52-256 g/m <sup>2</sup> 1 x 1,500 + 1 x 1,000 sheets / 5.5" x 8.5" or 8.5" x 11" / 52-256 g/m <sup>2</sup>

Large capacity tray (optional)	1 x 3,000 / 8.5" x 11" / 52-256 g/m <sup>2</sup> 1 x 2,500 / 8.5" x 11" - 12" x 18" / custom sizes / 52-256 g/m <sup>2</sup>
Manual bypass	150 sheets / 3.5" x 5.5" - 12" x 18" / custom sizes / banner / 60-300 g/m <sup>2</sup>
Finishing modes (optional)	Offset, Group, Sort, Staple, Staple (offline), Punch, Half-fold, Letter-fold, Booklet, Post insertion, Z-fold
Automatic duplexing	4.1" x 5.5" - 12" x 18" / 52-256 g/m <sup>2</sup>
Output capacity	Up to 250 sheets / up to 3,300 sheets (standard/max.)
Stapling	Max. 100 sheets or 98 sheets + 2 cover sheets (up to 300 g/m <sup>2</sup> )
Stapling output capacity	Max. 200 sets
Letter fold	Max. 3 sheets
Letter fold capacity	Max. 50 sets, unlimited (without tray)
Booklet	Max. 20 sheets or 19 sheets + 1 cover sheet (up to 300 g/m <sup>2</sup> )
Booklet output capacity	Max. 35 booklets, unlimited (without tray)
Duty cycle (monthly)	Max. <sup>2</sup> 200,000 pages
Toner lifetime	Black up to 28,000 pages CMY up to 28,000 pages
Imaging unit lifetime	Black up to 240,000/1,000,000 pages (drum/developer) CMY up to 165,000/1,000,000 pages (drum/developer)
Power consumption	110-120 V / 60 Hz, Less than 1.6 kW
System dimension (W x D x H)	24.2" x 27.1" x 37.8" (without options)
System weight	Approx. 220 lb (without options)

## PRINTER SPECIFICATIONS

<b>Print resolution</b>	1,800 (equivalent) x 600 dpi, 1,200 x 1,200 dpi
<b>Page description language</b>	PostScript 3 (3016) Emulation PCL 6 (XL Version 3.0 Emulation) PCL 5e/c Emulation XPS Version 1.0
<b>Operating systems</b>	Server: Windows Server 2016 Windows Server 2019 Windows Server 2022 Client: Windows 10 Windows 10 / 11x64 Edition Windows Sever 2016 / Sever 2019 / Sever 2022 macOS 10.14 / 10.15 / 11 / 12 / 13 Intel macOS 11 AppleM1 macOS 12 / 13 AppleM1 / AppleM2 Red Hat Enterprise Linux Google Chrome OS
<b>Printer fonts</b>	PCL: Western type: 80 outline fonts Japanese fonts: HG Mincho L / HGP Mincho L / HG Gothic B / HGP Gothic B Postscript 3 Emulation: Western type1 font: 137 outline fonts Japanese fonts: HG Mincho L / HG Gothic B
<b>Mobile printing</b>	AirPrint (iOS), Mopria (Android), Konica Minolta Print Service (Android), Konica Minolta Mobile Print (iOS/Android) Optional: Google Cloud Print, Wi-Fi Direct

## PRINTER SPECIFICATIONS (OPTIONAL)

<b>Print controller</b>	Embedded Fiery IC-420
<b>Controller CPU</b>	AMD GX-424CC @ 2.4 GHz
<b>Memory/HDD</b>	8 GB (8192MB) (standard)
<b>Page description language</b>	Adobe PostScript 3 (CPSI 3020), PCL 6, PCL 5c
<b>Operating systems</b>	Windows 7 (32/64), Windows 8.1 (32/64), Windows 10 (32/64), Windows Server 2008 (32/64), Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019, Macintosh OS X 10.10 or later, Linux

## SCANNER SPECIFICATIONS

<b>Scan speed</b>	Up to 140/140 ipm in simplex (mono/color) Up to 280/280 ipm in duplex (mono/color)
<b>Scan resolution</b>	Up to 600 x 600 dpi
<b>Scan modes</b>	Scan-to-eMail (Scan-to-Me), Scan-to-SMB (Scan-to-Home), Scan-to-FTP, Scan-to-Box, Scan-to-USB, Scan-to-WebDAV, Scan-to-DPWS, Scan-to-URL, TWAIN scan
<b>File formats</b>	TIFF, PDF, Compact PDF, JPEG, XPS, Compact XPS, pptx, docx, xlsx, Searchable PDF, PDF/A, Linearized PDF, Page setting (Single page (1-999 pages) / Multi page)
<b>Scan destinations</b>	2,000 destinations + 100 groups, LDAP support

## COPIER SPECIFICATIONS

<b>Copy resolution</b>	600 x 600 dpi
<b>Gradation</b>	256 gradations
<b>Multicopy</b>	1-9,999
<b>Original format</b>	Max. 11" x 17"
<b>Magnification</b>	25-400% in 0.1% steps, Auto zoom

## FAX SPECIFICATIONS

<b>Fax standard</b>	Super G3 (optional)
<b>Fax transmission</b>	Analog, i-Fax, Color i-Fax, IP-Fax
<b>Fax resolution</b>	Up to 600 x 600 dpi
<b>Fax compression</b>	MH, MR, MMR, JBIG
<b>Fax modem</b>	Up to 33.6 Kbps
<b>Fax destinations</b>	2,000 single + 100 groups

## USER BOX SPECIFICATIONS

<b>Storable documents</b>	Up to 3,000 documents or 10,000 pages
<b>Type of user boxes</b>	Public, Personal (with password or authentication), Group (with authentication)
<b>Type of system boxes</b>	Secure print, Encrypted PDF print, Fax receipt, Fax polling

## SYSTEM FEATURES

<b>Security</b>	ISO 15408 HCD-PP Common Criteria (in evaluation), IP filtering and port blocking, SSL3 and TLS1.0/1.1/1.2 network communication, IPsec support, IEEE 802.1x support, User authentication, Authentication log, Secure print, Kerberos, Hard drive data encryption (AES 256), Confidential fax, Print user data encryption Optional: Antivirus scanning (Bitdefender®), Copy protection (Copy Guard, Password Copy)
<b>Accounting</b>	Up to 1,000 user accounts, Active Directory support (user name + password + e-mail + smb folder), User function access definition, Authentication by mobile device (Android) ID card authentication (ID card reader), Authentication by mobile device (iOS)
<b>Software</b>	Net Care Device Manager, Data Administrator, Box Operator, Web Connection, Log Management Utility

<sup>1</sup> Warm-up time may vary depending on the operating environment and usage.

<sup>2</sup> Maximum monthly copy/print volume supported under standard vendor-supplied service defines the upper end of expected customer volume for the device. Customers should consider multiple machines if average monthly volume approaches duty cycle on a continual basis.

- All specifications refer to 8.5" x 11" paper of 80 g/m<sup>2</sup> weight.
- The support and availability of the listed specifications and functionalities vary depending on operating systems, applications and network protocols as well as network and system configurations.
- The stated life expectancy of each consumable is based on specific operating conditions such as page coverage for a particular page size (5% coverage of 8.5" x 11"). The actual life of each consumable will vary depending on use and other printing variables including page coverage, page size, media type, continuous or intermittent printing, ambient temperature and humidity.
- Some of the product illustrations contain optional accessories.
- Specifications and accessories are based on the information available at the time of printing and are subject to change without notice.
- Konica Minolta does not warrant that any specifications mentioned will be error-free.



For complete information on Konica Minolta products and solutions, please visit: [CountOnKonicaMinolta.com](https://www.CountOnKonicaMinolta.com)

© 2024 KONICA MINOLTA BUSINESS SOLUTIONS U.S.A., INC. All rights reserved. Reproduction in whole or in part without written permission is prohibited. KONICA MINOLTA, the KONICA MINOLTA logo and bizhub are registered trademarks or trademarks of KONICA MINOLTA, INC. All other product and brand names are trademarks or registered trademarks of their respective companies or organizations. All features and functions described here may not be available on some products. Design & specifications are subject to change without notice.



KONICA MINOLTA

KONICA MINOLTA BUSINESS SOLUTIONS U.S.A., INC.  
100 Williams Drive, Ramsey, New Jersey 07446

[CountOnKonicaMinolta.com](https://www.CountOnKonicaMinolta.com)



Item #: C451iDATASHEET  
5/2024-Z