



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

Wireless LAN

UK-221

USB I/F kit

EK-608

USB I/F kit

EK-609

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

2x Universal tray

PC-216

Large capacity tray

PC-416

Large capacity tray

PC-417

Copier desk

DK-516x

Large capacity tray

LU-302

Large capacity tray

LU-207

Banner tray

MK-730

5 MEDIA OUTPUT

Output tray

OT-513

Job separator

JS-508

Inner finisher

FS-533

Attachment kit

MK-607

Punch kit for FS-533

PK-519

Staple finisher

FS-539

Relay unit

RU-513

Booklet finisher

FS-539SD

Relay unit

RU-513

Punch kit for FS-539/SD

PK-524

Staple finisher

FS-540

Relay unit

RU-513

Booklet finisher

FS-540SD

Relay unit

RU-513

Punch kit for FS-540/SD

PK-526

Post inserter for FS-540/SD

PI-507

Job separator for FS-540/SD

JS-602

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 ² |
| PC-216 2x Universal tray | 2x 500 sheets / 5.5" x 8.5" - 11" x 17" / 52-256 g/m ² |
| PC-416 Large capacity tray | 2,500 sheets / 8.5" x 11" / 52-256 g/m ² |
| PC-417 Large capacity tray | 1,500 + 1,000 sheets / 5.5" x 8.5" or 8.5" x 11" / 52-256 g/m ² |
| LU-302 Large capacity tray | 3,000 sheets / 8.5" x 11" / 52-256 g/m ² |
| LU-207 Large capacity tray | 2,500 sheets / 8.5" x 11" - 12" x 18" / 52-256 g/m ² |
| 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) ¹ |
| 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 ² / 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 ² |
| 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 ² 1 x 500 / 5.5" x 8.5" - 12" x 18" / custom sizes / 52-256 g/m ² |
| Paper tray input (optional) | 1 x 500 / 5.5" x 8.5" - 11" x 17" / 52-256 g/m ² 2 x 500 / 5.5" x 8.5" - 11" x 17" / 52-256 g/m ² 1 x 2,500 / 8.5" x 11" / 52-256 g/m ² 1 x 1,500 + 1 x 1,000 sheets / 5.5" x 8.5" or 8.5" x 11" / 52-256 g/m ² |

| | |
|--------------------------------|---|
| Large capacity tray (optional) | 1 x 3,000 / 8.5" x 11" / 52-256 g/m ² 1 x 2,500 / 8.5" x 11" - 12" x 18" / custom sizes / 52-256 g/m ² |
| Manual bypass | 150 sheets / 3.5" x 5.5" - 12" x 18" / custom sizes / banner / 60-300 g/m ² |
| 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 ² |
| 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 ²) |
| 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 ²) |
| Booklet output capacity | Max. 35 booklets, unlimited (without tray) |
| Duty cycle (monthly) | Max. ² 200,000 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

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|----------------------------------|--|
| Print resolution | 1,800 (equivalent) x 600 dpi, 1,200 x 1,200 dpi |
| Page description language | PostScript 3 (3016) Emulation PCL 6 (XL Version 3.0 Emulation) PCL 5e/c Emulation XPS Version 1.0 |
| Operating systems | 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 |
| Printer fonts | 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 |
| Mobile printing | 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)

| | |
|----------------------------------|--|
| Print controller | Embedded Fiery IC-420 |
| Controller CPU | AMD GX-424CC @ 2.4 GHz |
| Memory/HDD | 8 GB (8192MB) (standard) |
| Page description language | Adobe PostScript 3 (CPSI 3020), PCL 6, PCL 5c |
| Operating systems | 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

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|--------------------------|--|
| Scan speed | Up to 140/140 ipm in simplex (mono/color) Up to 280/280 ipm in duplex (mono/color) |
| Scan resolution | Up to 600 x 600 dpi |
| Scan modes | 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 |
| File formats | 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) |
| Scan destinations | 2,000 destinations + 100 groups, LDAP support |

COPIER SPECIFICATIONS

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

FAX SPECIFICATIONS

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

USER BOX SPECIFICATIONS

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

SYSTEM FEATURES

| | |
|-------------------|--|
| Security | 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) |
| Accounting | 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) |
| Software | Net Care Device Manager, Data Administrator, Box Operator, Web Connection, Log Management Utility |

¹ Warm-up time may vary depending on the operating environment and usage.

² 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/m² 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)

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Item #: C451iDATASHEET
5/2024-Z