

# MFX-C4595i

color A3 multifunctional printer



BRIDGE THE GAP  
BETWEEN PAPER AND DIGITAL  
**BUSINESS-CLASS**  
**DOCUMENT SOLUTIONS**

MFX-*i*INTELLIGENT Series



## CUSTOMER BENEFITS



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



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



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



**Application ecosystem**  
Enhanced efficiency thanks to Muratec'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

**PDF enhancements**

LK-102v3

**OCR text recognition**

LK-105v4

**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

**IP fax (T.38 fax)**

LK-117\*



### 2 CONNECTIVITY

**Fax board**

FK-514

x2

**Wireless LAN**

UK-221

**USB I/F kit**

EK-608

OR

**USB I/F kit**

EK-609

**Fiery controller**

IC-420

**Interface kit for IC-420**

VI-516

**Mount kit for IC-420**

UK-115

**Biometric authentication**

AU-102

OR

**ID card reader**

AU-205H

**Mount kit**

MK-735

### 3 OTHERS

**Working table**

WT-506

**10-Key pad**

KP-102

**Security kit**

SC-509

**1 TB SSD**

EM-908

**Keyboard holder**

KH-102

**External keyboard**

### 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

**Copy desk**

DK-516

**Large capacity tray**

LU-302

OR

**Large capacity tray**

LU-207

**Banner tray**

MK-730

### 5 MEDIA OUTPUT

**Output tray**

OT-513

OR

**Job separator**

JS-508

**Inner finisher**

FS-533

OR

**Attachment kit**

MK-607

**Punch kit for FS-533**

PK-519

**Staple finisher**

FS-539

OR

**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**

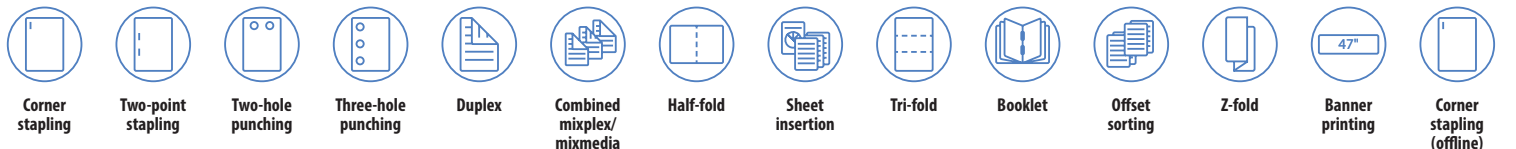
ZU-609

**LEGEND**

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

\* May not be available at time of launch.

## FINISHING FUNCTIONALITIES



Corner stapling

Two-point stapling

Two-hole punching

Three-hole punching

Duplex

Combined mixplex/mixmedia

Half-fold

Sheet insertion

Tri-fold

Booklet

Offset sorting

Z-fold

Banner printing

Corner stapling (offline)

## DESCRIPTION

### ENHANCED FEATURES

<b>LK-102v3 PDF enhancements</b>	PDF/A(1b), PDF encryption, digital signature
<b>LK-105v4 OCR text recognition</b>	Searchable PDF and PPTX
<b>LK-106 Barcode fonts</b>	Supports native barcode printing
<b>LK-107 Unicode fonts</b>	Supports native Unicode printing
<b>LK-108 OCR A and B fonts</b>	Supports native OCR A and B font printing
<b>LK-110v2 Document file conversion</b>	Generates various file formats including DOCX, XLSX and PDF/A
<b>LK-111 ThinPrint client</b>	Print data compression for reduced network impact
<b>LK-116 Antivirus</b>	Bitdefender® antivirus provides real time scanning of all incoming and outgoing data
<b>LK-117 IP fax (T.38 fax)*</b>	Fax over IP networks (T.38), requires fax kit

### CONNECTIVITY

<b>FK-514 Fax board</b>	Super G3 fax, digital fax functionality
<b>UK-221 Wireless LAN</b>	Wireless LAN and wireless LAN Access Point Mode
<b>EK-608 USB I/F kit</b>	USB keyboard connection
<b>EK-609 USB I/F kit</b>	USB keyboard connection, Bluetooth
<b>IC-420 Fiery controller</b>	Professional color print controller
<b>VI-516 Interface kit for IC-420</b>	Fiery controller interface card
<b>UK-115 Mount kit</b>	Fiery controller mount kit
<b>AU-102 Biometric authentication</b>	Finger vein scanner
<b>AU-205H ID card reader</b>	Supports various ID card technologies
<b>MK-735 Mount kit</b>	Installation kit for ID card reader

### OTHERS

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

## TECHNICAL SPECIFICATIONS

### SYSTEM SPECIFICATIONS

<b>System speed 8.5" x 11"</b>	Up to 45/45 ppm (mono/color)
<b>System speed 11" x 17"</b>	Up to 27/27 ppm (mono/color)
<b>Auto duplex speed 8.5" x 11"</b>	Up to 45/45 ppm (mono/color)
<b>1st page out time 8.5" x 11"</b>	3.3/4.3 sec. (mono/color)
<b>Warm-up time</b>	Approx. 14/16 sec. (mono/color) <sup>1</sup>
<b>Imaging technology</b>	Laser
<b>Toner technology</b>	Simitri® HD polymerized toner
<b>Panel size/resolution</b>	10.1" / 1,024 x 600
<b>System memory</b>	8 GB (standard/max.)
<b>System hard drive</b>	256 GB SSD (standard) / 1 TB SSD (optional)
<b>Interface</b>	10/100/1,000-Base-T Ethernet, USB 2.0, Wi-Fi 802.11 b/g/n/ac (optional)
<b>Network protocols</b>	TCP/IP (IPv4 / IPv6) / SMB / LPD / IPP / SNMP / HTTP(S) / Bonjour
<b>Automatic document feeder</b>	Up to 300 originals / 5.5" x 8.5" – 11" x 17" / 35–210 g/m <sup>2</sup> / Dualscan ADF
<b>ADF double feed detection</b>	Standard
<b>Printable paper size</b>	3.5" x 5.5" – 12" x 18" / customized paper sizes / banner paper max. 47.2" x 11.7"
<b>Printable paper weight</b>	52–300 g/m <sup>2</sup>
<b>Paper input capacity</b>	1,150 sheets / 6,650 sheets (standard/max.)
<b>Paper tray input (standard)</b>	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>
<b>Paper tray input (optional)</b>	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>

### MEDIA INPUT

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

### MEDIA OUTPUT

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

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

\* May not be available at time of launch.

## PRINTER SPECIFICATIONS

<b>Print resolution</b>	1,800 (equivalent) x 600 dpi, 1,200 x 1,200 dpi
<b>Page description language</b>	PCL 6 (XL3.0), PCL 5c, PostScript 3 (CPSI 3016), XPS
<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, Unix, Linux, Citrix
<b>Printer fonts</b>	80 PCL Latin, 137 PostScript 3 Emulation Latin
<b>Mobile printing</b>	AirPrint (iOS), Konica Minolta Print Service (Android), Konica Minolta Mobile Print (iOS/Android) Optional: Google Cloud Print

## 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>	4 GB / 500 GB
<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>	JPEG, TIFF, PDF, Compact PDF, Encrypted PDF, XPS, Compact XPS, PPTX Optional: Searchable PDF, PDF/A 1a and 1b, Searchable DOCX/PPTX/XLSX
<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

**Simitri HD**  
High Definition Polymerised Toner

**SAP**® Printer Vendor Solution



For complete information on Muratec products and solutions, please contact: **469.429.3300** or visit **www.muratec.com**

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## 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) Optional: Biometric authentication (finger vein scanner), ID card authentication (ID card reader), Authentication by mobile device (iOS)
<b>Software</b>	Nec Care Device Manager, Data Administrator, Box Operator, Web Connection, Print Status Notifier, Driver Packaging Utility, 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.
- Muratec does not warrant that any specifications mentioned will be error-free.

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