

New generation black & white A4 MFP

MX-B456W

A compact office MFP that offers high productivity and smart workflows for a busy office.



- A4 Black and White MFP with speeds of 45ppm
- Advanced system/data protection and access control including firmware and self-recovery and whitelisting
- Easy UI mode on 7.0-inch colour LCD touchscreen with control panel that tilts at various angles for easy access
- Easy access to public cloud services such as Dropbox via single sign-on
- Built in wireless connectivity enables easy access from mobile devices and flexible placement
- 100-sheet Duplex Single Pass Feeder scans documents at up to 110 ipm*¹
- NFC*² and QR code enable easy direct connection between MFP and mobile device
- Supports Sharpdesk Mobile print/scan application and various mobile printing services
- Accommodates 2 Ethernet networks*³
- Space-efficient inner finisher (option) automates document sorting and stapling
- Standard paper tray and multi bypass tray accommodate a wide variety of paper sizes, including A6
- Business Card feeder on the DSPF*⁴ scans batches of up to 25 cards

*1: Originals per minute; when feeding A4 (8 1/2" x 11") sheets. *2: The NFC interface is for Android™ devices. Requires commercially available NFC card reader. *3: Requires commercially available Ethernet adaptor that supports two lines. *4: This function is enabled via Qualcomm® DirectOffice™ technology.

Specifications

GENERAL

Engine speed B/W ppm (A4)	45
Paper size: Min.-Max.	A6 – A4
Paper weight (g/m2)	60 - 220
Paper capacity:Std (sheets)	550
Paper capacity: Max. (sheets)	2350
Warm Up Time (sec.)	20
Memory general min/max (GB)	5
Harddisk	STD
Harddisk capacity (GB)	500
Duplex	STD
Power requirements - rated local AC voltage (Hz)	220 - 240V, 50 / 60Hz
Power consumption (kW)	1,84
Dimensions (mm)	492 x 517 x 638
Weight (Kg)	33

DOCUMENT FEEDER

Original capacity (sheets)	100
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DOCUMENT FILING

Document filing (Standard / Option)	STD
Document filing capacity- main and custom folders (pages)	20000
Document filing capacity- quick file folder (pages)	10000
Stored jobs	Copy, print, scan, fax transmission
Storage folders	Quick file folder, main folder, custom folder (max. 1000)
Confidential storage	✓

FAX

Fax (Standard / Option)	STD
Compression method	MH / MR / MMR / JBIG
Communication protocol	Super G3 / G3
Transmission time (sec)	3
Modem Speed (bps)	33.600 - 2.400
Transmission resolution	STD 203,2 x 97,8 dpi / Ultra Fine 406,4 x 391 dpi
Document Size (Min)	A5
Document Size (Max)	A4
Memory (MB)	1024
Grey Scale levels	256
Dial Registration; rapid/speed dial	2000
Broadcast Transmission (max. destinations)	500

WIRELESS LAN

Compliant regulation	IEEE802.11n / g / b
Access mode	Infrastructure mode, Software AP mode
Security	WEP, WPA / WPA2-mixed PSK, WPA / WPA2-mixed EAP, WPA2 PSK, WPA2 EAP

COPIER

Original paper size (Max.)	A4
First copy out time B/W (sec.)	3,7
E-sort Std	✓
Continuous copy (Max. copies)	9999
Resolution Scan B/W (dpi)	600 x 600
Resolution Print (dpi)	600 x 600, 600 x 400
Gradation (equivalent levels) - B/W	256
Zoom range (%)	25 – 400, (25 – 200 using RSPF / DSPF) in 1% increments
Preset copy ratios	10 ratios (5R / 5E)

SCANNER

Network Scanner (Standard / Option)	STD
Scan method Push scan and Pull scan	✓
Resolution push scan (dpi)	100,150, 200,300, 400,600
Resolution pull scan (dpi)	75,100, 150,200, 300,400, 600,50 to 9,600 dpi via user setting
File formats	TIFF, PDF, PDF / A-1a, PDF / A-1b, encrypted PDF, XPS, compact PDF, JPEG, searchable PDF, OOXML (docx, xls, pptx), text (TXT), rich text (RTF)
Scanner utilities	Sharpdesk
Scan destinations Desktop	✓
Scan destination FTP, Email	✓
Scan destination Network folder	✓
Scan destination USB memory	✓

PRINTER

Resolution (dpi)	600 x 600, 9, 600 (equivalent) x 600
Network Printer (Standard / Option)	Standard Ethernet and WiFi 802.11 b / g / n
Interface Std/Opt	STD USB 2.0, 10Base-T / 100Base-TX / 1000Base-T / 802.11 b / g / n
Supported OS Standard	Windows Server® 2008, 2008R2, 2012, 2012R2, 2016, 2019, Windows® 7, 8.1, 10, Mac OS X 10.9, 10.10, 10.11, 10.12, 10.13, 10.14, 10.15
Network protocols	TCP / IP, WEP, WPA / WPA2-mixed PSK, WPA-WPA2- mixed EAP, WPA PSK, WPA2 EAP
Printing protocols	LPR, Raw TCP (port 9100), POP3 (e-mail printing), HTTP, FTP for downloading print files, IPP, SMB, WSD
PDL Std/Opt	Standard: PCL 6 emulation, Genuine Adobe® PostScript®3
Available fonts	80 (PCL), 139 (PS3)
FINISHING	
Output Capacity Max.	250
Staple Capacity (sheets) Max.	30
Off-set shifting	OPT

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