

SHARP

MX-2314N
Digital Full Colour Multifunctional System



PERFORMANCE BOOSTING
ENTRY LEVEL A3 COLOUR MFP

Performance is important but value is crucial
/This is Why we gave this new workgroup MFP such a huge range of options.

Successful businesses evolve to meet new challenges **/This is Why** our MFPs are so adaptable.

If you're looking for an A3 colour MFP that can meet your team's ever-changing challenges, it's time to take a look at the MX-2314N.

We've boosted the performance of one of our most popular entry-level colour MFPs and created an entire range of extra-value optional features. That means you can configure it to meet your exact requirements today – at an affordable price – but easily upgrade it if your needs change in the future.

Connect the way you want to: Cloud, smartphones, tablets & wireless

The MX-2314N supports the very latest ways of working. Wireless LAN*¹ connectivity, for example, makes it easy for team members and visitors to quickly connect their laptops, smartphones and tablets without any confusing manual connection processes.

If you add the optional MX-EB16 Productivity Kit the additional hard drive allows you to use it as a Networked Attached Storage (NAS) device enabling you to load it with shared and reusable documents and data. Use it for forms, project documents, company policies, enterprise information and more.

Cloud*² connectivity lets you reach beyond the enterprise to run powerful Software as a Service (SaaS) applications, such as those developed by our technology partners.

CONNECT TO THE CLOUD



RETRACTABLE KEYBOARD FOR EASY DATA ENTRY



*¹ Wireless LAN connectivity requires optional MX-EB13. *² Cloud Connectivity requires optional MX-AMX2 & MX-EB16.

Freedom encourages innovation /This is Why we help you do things your way.

Start small. Think big.

The compact design of the MX-2314N contains every essential feature as standard. Rapid two-sided printing, copying and scanning, superb image quality, advanced connectivity, tough security in an environmentally advanced design – it's all there.

Output speeds are as fast as 23 pages per minute, even in full colour. And if you have two* identical machines you can share jobs between them, tackling urgent tasks in half the time. Performance is enhanced still further thanks to Sharp Advanced Printing Language-c and standard PCL6 emulation, plus you get an entire suite of powerful productivity and device management tools and software.

A 7.0-inch colour touchscreen with thumbnail previews* puts everything at your fingertips and dual USB ports are provided for driverless printing and scanning. Just walk up, plug in your memory stick and get to work.

More extra-value options

Because it's so fast, versatile and easy to use, your team will quickly discover more and more new ways of using the MX-2314N. Soon, it will become indispensable. And that's why we've developed so many options.

Extra paper drawers (including a high capacity 2,500-sheet Tandem Drawer) can increase the paper input capacity to 3,100 sheets - great for longer print runs and fewer interruptions.

Our space-saving Inner Finisher and Punch Module lets you create professional-looking documents with no extra effort. A Long Paper Feeding Tray gives you the ability to create your own banners. A retractable QWERTY keyboard for easy data entry tucks out of the way when you aren't using it. And there's a fax option if you need it, too. The MX-2314N can do whatever you need it to.

*Requires optional MX-EB16

Simplicity boosts productivity /This is Why Sharp makes life easier.

Even though it's both powerful and versatile, the MX-2314N is remarkably easy to use. For a start, our innovative **Remote Access Control Panel** lets you view and operate the front panel display, taking full control of the MFP without ever leaving your desk.

A special web page lets you adjust the MFP's settings through your favourite browser. Our **Printer Status Monitor** tells you if there's sufficient toner and paper to complete your job. An alert will pop up on your screen as soon as your documents are printed. And the **Job Status Screen** gives you an at-a-glance view of every job that's in the queue.

Technical support is easy, too. You can use the **Remote Diagnosis** feature to monitor the MFP and timely emails can tell you when maintenance is required. You can even download drivers direct from your web browser, with **Sharp Remote Device Manager**.

Robust security

The MX-2314N is equipped with multiple layers of security, such as the encryption and secure erasure of data on the optional hard disk*¹ and internal memory, and supports the IEEE 802.1X standard which keeps your documents and data safe. Robust user authentication and PIN-controlled printing are the most obvious security features. But, underneath and working in the background, we've also added encrypted PDF*¹ capability, secure network cards, SSL and port-based network control to guard against malicious attacks.

For even greater security, Data Initialisation removes all traces of data when it's time to replace your MFP and our Document Control*² function, which can be specified with the hard drive, can prevent unauthorised copying, scanning, faxing and filing.

REMOTE ACCESS CONTROL PANEL



*¹Requires optional MX-EB16. *²Requires optional MX-EB16 and MX-FR40U. May not work for certain types of documents or paper.

You care about the environment /This is Why we're making greener MFPs.

Energy-saving scanning

The scanner uses LED lights for maximum energy efficiency, while a handy Eco Scan feature keeps the fuser turned off until it's needed, bringing even greater savings.

If you don't need hard copies, you can save on toner and paper by scanning originals directly into the most popular formats, sending them instantly to your desktop, multiple email addresses, a folder on your network, FTP server, or a USB memory stick.



Environmentally Advanced Design

Very few MFPs are as green as the MX-2314N. Boasting one of the lowest Typical Electrical Consumption figures in its class, this Energy Star-certified MFP is truly economic.

In standby mode, it consumes just enough to receive a fax. And not only will it anticipate the most appropriate times to switch in and out of standby mode, with the Power ON/OFF Schedule function you can automatically turn the MX-2314N on or off according to the time schedules set by the administrator.

But when you need to start work again, it takes just 19 seconds and very little energy to warm up.

ENERGY-EFFICIENT LED LAMPS



USB MEMORY DIRECT PRINT*



*Requires optional MX-EB16. Direct PDF printing additionally requires optional MX-PK11; direct XPS printing additionally requires optional MX-PUX1 and 2GB of extra memory.

Configuration Examples

5. MX-FN17
Finisher

6. MX-PN11A/C/D
Punch Module

11. MX-EB13
USB Wireless LAN Adaptor

10. MX-KB14 N
Keyboard

7. MX-TR12
Exit Tray Unit

8. MX-LT10
Long Paper Feeding Tray

9. MX-FX11
Fax Expansion Kit



1. MX-DE12
Stand with 500 Sheet Paper Drawer

2. MX-DE13
Stand with 2 x 500 Sheet Paper Drawers

3. MX-DE14
Stand with 3 x 500 Sheet Paper Drawers

4. MX-DE20
Stand with 500 + 2000 sheet Paper Drawers



Base Unit
Exit Tray Unit
Stand with 3 x 500 Sheet Paper Drawers



Base Unit
Exit Tray Unit
Inner Finisher
Stand with 3 x 500 Sheet Paper Drawers



Base Unit
Exit Tray Unit
Inner Finisher
Stand with 500 + 2000 Sheet Paper Drawers

Base Unit

1. MX-DE12 Stand with 500 Sheet Paper Drawer

A5R - A3, 500 sheets, (80 g/m²)

2. MX-DE13 Stand with 2 x 500 Sheet Paper Drawers

Upper/Lower tray: A5R - A3, 500 sheets each (80 g/m²)

3. MX-DE14 Stand with 3 x 500 Sheet Paper Drawers

Upper/Middle/Lower tray: A5R - A3, 500 sheets each (80 g/m²)

4. MX-DE20 Stand with 500 + 2000 Sheet Paper Drawers

Upper tray: A5R - A3, 500 sheets (80 g/m²)

Lower right tray: A4, 850 sheets, (80 g/m²)

Lower left tray: A4, 1150 sheets, (80 g/m²)

Finishing

5. MX-FN17 Finisher

A3 to B5 (offset/staple)

A3W to A5R (non offset)

Offset tray (upper): max. 500-sheet paper capacity*¹

Stapling capacity: max. 50-sheet multi-position staple*¹

Staple position: 3 locations (front, rear or 2 point stitching)

6. Optional Punch Module for MX-FN17

MX-PN11A - 2 Hole Punch Module

MX-PN11C - 4 Hole Punch Module

MX-PN11D - 4 Hole Wide Punch Module

7. MX-TR12 Exit Tray Unit

8. MX-LT10 Long Paper Feeding Tray

Faxing

9. MX-FX11 Fax Expansion Kit

Super G3/G3 fax module

MX-FWX1 Internet Fax Expansion Kit

Connectivity

10. MX-KB14 N Keyboard

11. MX-EB13 USB Wireless LAN Adaptor

Enables connection to wireless networks

Printing

MX-PF10 Barcode Font Kit

Enables barcode printing

MX-PK11 PS3 Expansion Kit

Enables PostScript printing

MX-PUX1 XPS Expansion Kit

Enables XPS printing

(XPS printing requires 2GB of additional memory)

MX-EB16 Productivity Kit

Hard disk drive is included

Scanning

AR-SU1 Stamp Unit

Marks already scanned documents for checking

Sharpdesk™ Licenses

MX-USX1/X5/10/50/A0

1/5/10/50/100-License Kit

Sharp OSA®

MX-AMX1 Application Integration Module

MX-AMX2 Application Communication Module

MX-AMX3 External Account Module

Security

MX-FR40U Data Security Kit

*¹A4 or smaller, 80g/m². Some options may not be available in some areas.

Specifications

General

Engine speed (ppm/cpm) (Max)	A4	A3
Colour	23	11
B&W	23	11
Paper size (Min – Max)	A5R - A3	
Drawers	A5R - A3W	
Multi bypass	1,200 x 297 mm (Max)	
Paper weight (g/m ²)	60 – 220	
Drawer	60 – 220	
Multi bypass	55 – 300	
Paper capacity (Std – Max)	600 – 3,100	
Sheets	600 – 3,100	
Drawers	1 – 4 (plus bypass tray)	

Warm-up time *1 (seconds)	19
Memory (GB)	2
Standard: Copier/Printer (shared)	2
Option: Printer	3*2
Option: HDD*3	320
Power requirements	Rated local AC voltage $\pm 10\%$, 50/60 Hz
Power consumption (kW) (Max)	1.84 (220 - 240V)
Dimensions (mm) (W x D x H)	583 x 642 x 834
Weight (kg)	72.6

Copier

Original paper size (Max)	A3
First copy time *4 (seconds)	Full Colour B/W
	10.0 7.4
Continuous copies (Max)	999
Resolution (dpi)	600 x 600
Scan (colour)	600 x 600, 600 x 400, 600 x 300
Scan (b/w)	600 x 600, 9600 equivalent*5 x 600
Print	(depending on print mode)
Gradation levels	256
Zoom range (%)	25 – 400 (25 – 200 using RSPF) in 1% increments
Preset copy ratios	10 (5R/5E)

Network Printer

Resolution (dpi)	600 x 600, 9600 equivalent*5 x 600
Interface	USB 2.0 10Base-T/100Base-TX/1000Base-T
Supported OS	Std Windows® XP, Windows Server® 2003/2008/2008R2/2012, Windows Vista®, Windows® 7, Windows® 8 Opt*6 Mac OS X 10.4, 10.5, 10.6, 10.7, 10.8
Network protocols *6	TCP/IP (IPv4, IPv6), IPX/SPX (NetWare), EtherTalk (AppleTalk)
Printing protocols	LPR, Raw TCP (port 9100), POP3 (e-mail printing), HTTP, Novell Printserver application with NDS and Bindery, FTP for downloading print files, EtherTalk printing, IPP
PDL emulation	Std Sharp Advanced Printing Language-c, PCL6 emulation*7 Opt*8 PS3 emulation, XPS
Available fonts	PCL 80 PS3*6 136
Printer utilities	Sharpdesk Mobile

Document Filing (requires optional MX-EB16)

Document filing capacity	(pages / or files)
Main and custom folders	20,000*9 or 3,000
Quick file folder	10,000*9 or 1,000
Stored jobs	Copy, print, scan, fax transmission*10
Storage folders	Quick file folder, main folder, custom folder (max. 1,000 folders)
Confidential storage	Password protection

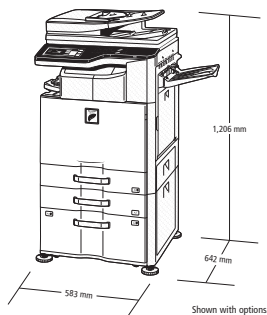
Network Scanner

Scan method	Push scan (via operation panel) Pull scan (TWAIN-compliant application)
Resolution (dpi)	Push scan 100, 200, 300, 400, 600 Pull scan*11 75, 100, 150, 200, 300, 400, 600 50 - 9600*5 via user setting
File formats	TIFF, PDF, PDF/A-1b, encrypted PDF, JPEG (colour only), XPS*12
Scan destinations	Scan to e-mail, desktop, FTP server, network folder (SMB), USB memory
Scanner utilities	Network Scanner Tool, Sharpdesk, Sharpdesk Mobile

Fax (requires optional MX-FX11)

Compression method	MH/MR/MMR/JBIG
Communication protocol	Super G3/G3
Transmission time *13 (seconds)	Less than 3
Modem speed (bps)	33,600 – 2,400 with automatic fallback
Transmission resolution (dpi)	Std 203.2 x 97.8 Ultra Fine 406.4 x 391
Recording width	A5 - A3
Memory (Min - Max)	512MB - 1GB*11
Grey scale levels	256

External Dimensions



Notes

- *1 At rated voltage. May vary depending on machine conditions and operating environment.
- *2 1GB comes with MX-EB16; 2GB is optional memory - required if adding MX-PUX1 for XPS printing.
- *3 1GB = One billion bytes when referring to hard drive capacity. Actual formatted capacity is less. Optional MX-EB16 required.
- *4 Best achieved time based on A4 copy, long-edge feeding from 1st paper drawer, using document glass, when machine is ready, without Auto Colour Mode and Auto Colour Selection. May vary depending on machine conditions and operating environment.
- *5 Resolutions higher than 600 dpi are interpolated.
- *6 Optional MX-PK11 required for Mac OS, EtherTalk and PS3 emulation.
- *7 As print performance may decrease depending on the type of data, Sharp recommends installing the optional MX-EB16 for optimal MFP performance.
- *8 PS requires optional MX-PK11. XPS requires optional MX-PUX1, MX-EB16 and additional 2 GB memory.
- *9 Storage capacity will vary depending on the type of document and scan settings.
- *10 Optional MX-FX11 required.
- *11 Requires optional MX-EB16.
- *12 To view XPS files on PCs not running Windows Vista, you must have the XPS View application installed.
- *13 Based on Sharp's standard chart with approx. 700 characters (A4 portrait) at standard resolution in Super G3 mode, 33,600 bps, JBIG compression.

Design and specifications are subject to change without prior notice. All information was correct at time of print. The ENERGY STAR logo is a certification mark and may only be used to certify specific products that have been determined to meet the ENERGY STAR programme requirements. ENERGY STAR is a US registered mark. The ENERGY STAR guidelines apply to products only in the US, Europe, Australia, New Zealand and Japan. Windows, Windows XP and Windows Vista are registered trademarks of Microsoft Corporation. All other company names, product names and logos are trademarks or registered trademarks of their respective owners. ©Sharp Corporation January 2013 Ref: MX-2314N. All trademarks acknowledged. E&OE.

This is Why

www.sharp.eu

SHARP

