

Smart & Mobile Solution

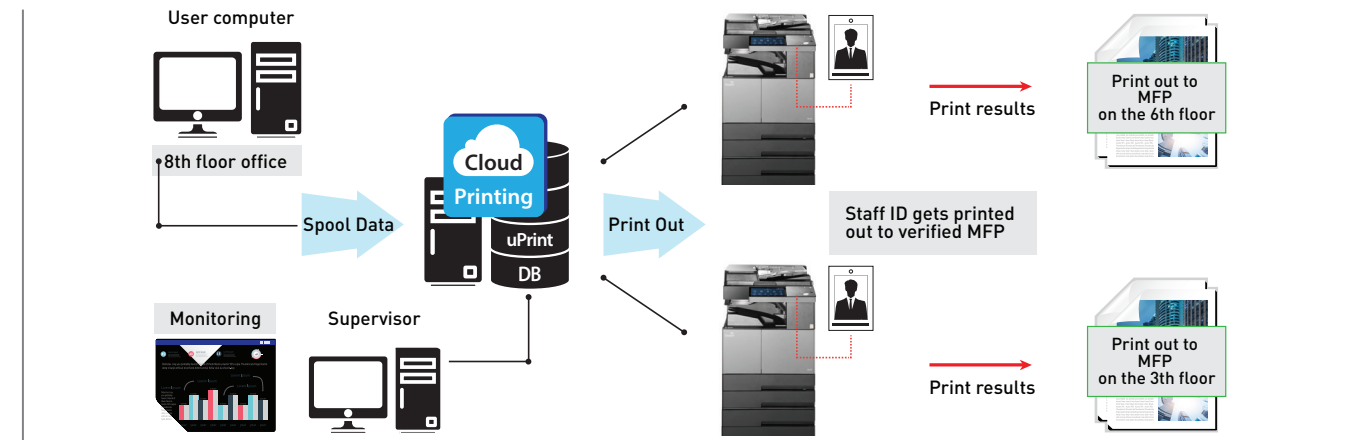
Customized solutions

Customized solutions

N610 Series support cloud printing, document security, and various solutions for device management to establish user-centered optimized work environment. Sindoh's excellent consulting for solutions and customized service can complete your smart business.

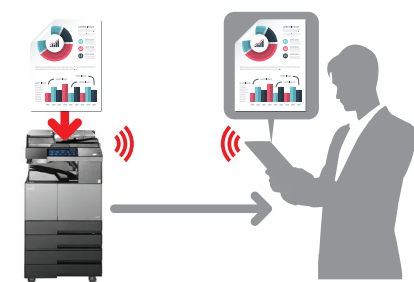
Solutions	Functions
Card Authentication	- Security with user validation (Staff ID, ID/PW validation supported, multi-validation server function added, user work information expanded)
Cloud Printing	- Printing with all MFPs via card authentication possible - Various printing options such as Now / Select / Each (The function is in development stage, and will be implemented when ready.)
Status Management	- Useful statistics information including real-time MFP status and counter monitoring provided

Cloud Printing Solution



Convenient Mobile Functions

N610 Series support mobile printing for all types of smartphones and tablets. Users can use Air-Print for Apple devices and Sindoh's printing application (sPrint) for Android devices to print photos or documents.



Android sPrint Application

Via NFC, Android devices can be connected to the device to print a document. Scanned image from N610 series can be received directly by using the sPrint application.



Apple Air-Print

No additional application is required to print photos or document from iPhone or iPad. Also, no driver installation is required to print with MacBook laptops and simple settings including number of copies, paper size, or 2-side printing can be selected.



Sindoh A3 black & white MFP N610 series

COPY

Model	N610	N611	N612	N613
Speed	26 ppm	30 ppm	40 ppm	45 ppm
Preheating Time	Less than 56 seconds			
Time to first page	Less than 8 seconds		Less than 6.5 seconds	
Resolution	600 dpi			
Processor	Quad Core (800 MHz Dual Core + 533 MHz Dual Core)			
Memory	2 GB + SD (option)			
Duplex Print	Standard			
Paper feed	Standard paper tray	1,000 sheets (500 sheets x 2 decks)		
	Multi-purpose paper tray	100 sheets		
	RADF paper tray	90 sheets (75 g/m ²)		
	Maximum	2,100 sheets (500 sheets x 4 decks + 100 sheets manual paper tray)		
Size	Standard paper tray 1	A5 ~ B4, 5.5" x 8.5" ~ 8.5" x 14"		
	Standard paper tray 2	A5 ~ A3, 5.5" x 8.5" ~ 11" x 17" (500 sheets, 60 g/m ² ~ 220 g/m ²)		
	Multi-purpose paper tray	A6 ~ A3, 5.5" x 8.5" ~ 11" x 17"		
	RADF paper tray	Width : 90 ~ 297 mm, length : 139.7 ~ 431.8 mm		
	Optional paper tray	A5 ~ A3, 5.5" x 8.5" ~ 11" x 17" (500 sheets, 60 g/m ² ~ 220 g/m ²)		
	Duplex print	148 ~ 431.8 mm (length)		
Weight	Standard paper tray	60 g/m ² ~ 220 g/m ²		
	Multi-purpose paper tray	60 g/m ² ~ 220 g/m ² , OHP, Envelop		
	RADF paper tray	50 g/m ² ~ 128 g/m ²		
	Optional paper tray	60 g/m ² ~ 220 g/m ²		
Duplex print	60 g/m ² ~ 209 g/m ²			
	Output Tray	250 sheets		
Consumables	Starter	20,000 sheets		
	Alter Market	20,000 sheets / 30,000 sheets		
Power	Max power consumption	580 W or less		
	Sleep mode	4.2 W or less		
Noise	In printing	68 db	69 db	73 db / 74 db
	In stand-by	48 dB or less		
Display	9" Color LCD			
Size (W x D x H)	559 x 599 x 802.9 mm			
Weight	55 Kg			
Monthly print	Optimal	4,300 sheets	5,800 sheets	9,000 sheets / 10,000 sheets
	Maximum	20,000 sheets	28,000 sheets	48,000 sheets / 50,000 sheets
Optional	Fax kit, double paper tray, Mobile Print, Wi-Fi			

SCAN

Model	N610	N611	N612	N613
Speed	Color, Gray Scale, B & W			
Print at 300 dpi (color / B & W)	45 ipm / 55 ipm			
Resolution	150 / 200 / 300 / 600 dpi			
Scan size	Flatbed scanner	Width 297 x length 431.8 mm (A3 or 11" x 17")		
	RADF scanner	Max width 297 x length 1,000 mm (300 dpi or less)		
		Max width 297 x length 432 mm (600 dpi)		
Interface	Ethernet 10Base-T / 100Base-TX / 1,000Base-T, USB Device 1.1 / 2.0, USB Host 1.1 / 2.0			
Protocol	TCP / IP (FTP, SMB, SMTP, WebDAV) (IPv4 / IPv6)			
OS compatible	Windows 7 / 8 / 8.1 / 10 (32 / 64bit), XP (SP3) / Vista (SP2), Windows Server 2003 / 2008 R2 SP1, 2012, Macintosh OS X 10.5, 10.6, 10.7, 10.8, 10.9, 10.10, 10.11			
Driver	TWAIN / WIA Driver			
Support format	TIFF, PDF, JPEG			

PRINT

Model	N610	N611	N612	N613
Print speed	26 ppm	30 ppm	40 ppm	45 ppm
First page print speed	8 seconds or less		6 seconds or less	
Resolution	Real 1200 dpi			
Emulation	PCL6/5e, PS3			
OS compatible	Server	Windows Server 2003 / Server 2003 R2 / Server 2008 (32bit, 64bit) / Windows Server 2008 R2 / Server 2012 / Server 2012 R2 (64bit)		
	Client	Vista (SP2) / 7 / 8 / 8.1 (32bit, 64bit) / Windows Server 2003 / Server 2003 R2 / Server 2008 (32bit, 64bit) / Macintosh OS X 10.5, 10.6, 10.7, 10.8, 10.9, 10.10, 10.11 / Linux OS		
PCL6/5e	Windows 7 / 8 / 8.1/10 (32bit, 64bit), Windows XP (32bit SP3) / Vista (SP2) / Windows Server 2008 R2 SP1 / Server 2012 Printer (64bit)			
PS3	Windows 7 / 8 / 8.1 / 10 (32bit, 64bit), Windows XP (32bit SP3) / Vista (SP2) / Windows Server 2008 R2 SP1 / Server 2012 Printer (64bit) / Macintosh OS X 10.5, 10.6, 10.7, 10.8, 10.9, 10.10, 10.11 / Linux OS			
Memory	2 GB			
Interface	Ethernet 10Base-T / 100Base-TX / 1,000Base-T, USB Device 1.1 / 2.0, USB Host 1.1 / 2.0			

FAX

Model	N610	N611	N612	N613
Com lines	PSTN (Public Switch Telephone Network), PBX (Private Branch Exchange), G3 (Fax line)			
Tx speed	2.4 kbps ~ 33.6 kbps			
Tx time	Less than 2 seconds (A4, V.34, 33.6 kbps, JBIG)			
Data compression type	MH, MR, MMR, JBIG			
Com mode	ECM / G3			
Tx size	Scanner	Width 297 x length 431.8 mm (A3 or 11" x 17")		
	RADF	Max width 297 x length 1,000 mm		



User-friendly, innovative, and smart MFP

Sindoh A3 black & white MFP N610 series



※ Some images in this catalog show the product with the optional features installed.

SMART MFP for most work efficiency,

N610 series

Output tray settings by functions

Output tray is designed large enough to accommodate many copies with easy lift. Also, two trays, basic and multi-purpose, are installed as standard to sort documents easily for copying, printing, and faxing to meet user needs.



Environment-friendly & compact design

The developer and drum with SRR (Self Refresh & Recycle) Technology are designed to maximize the printing quality and to extend the device life. The device is designed compact and more convenient with no wasting toner bottle.



OP panel for easy and convenient use

User-friendly UI is applied in 9-inch color touch LCD screen to make the device easy to use. Speed function keys can be configured to set frequently used features and user logo and icon design can be configured to make this smart MFP more customized and convenient.

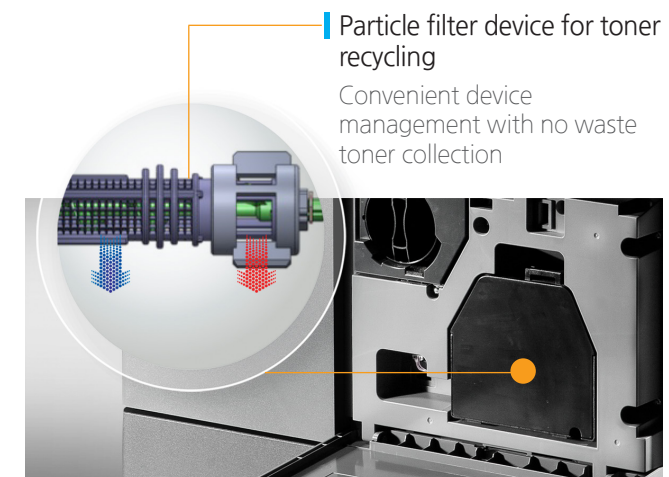


Eco-Friendly & Compact Design

Durable and environment-friendly solution

Improvement on printing quality and device durability with environment-friendly design

Strengths of the AR Technology and Refresh Technology are combined together; printing quality and developer durability are improved with auto purification of carriers and no waste collection bottle is needed as new featured paper dust filter is used to recycle developer with small paper dust particles and to collect developer with large paper dust particles into drum. In addition, it provides a benefit of easy maintenance, high quality printing and compact design.



Particle filter device for toner recycling
Convenient device management with no waste toner collection

AR type

Self-purification of developer carrier with providing mixed toners
High-resolution printing quality

+

Recycle type

Recycle of toners with paper dust filter
Convenient device management with no waste toner collection

Advantages of AR type and Recycle type combined

⇓

SRR type

Supply toner mixed with carriers to improve printing quality
Toner recycle and compact design with no waster toner collection bin

Compact size with global design

N610 series is developed in collaboration with Tangerine, specialized design company in UK. Sindoh's unique DNA in design, trendy colors, emphasis on details, new materials, and impeccable finish, is reiterated in this device. Compact design of the device (34% smaller than N600 device) gives your office more space for other use.

-34%



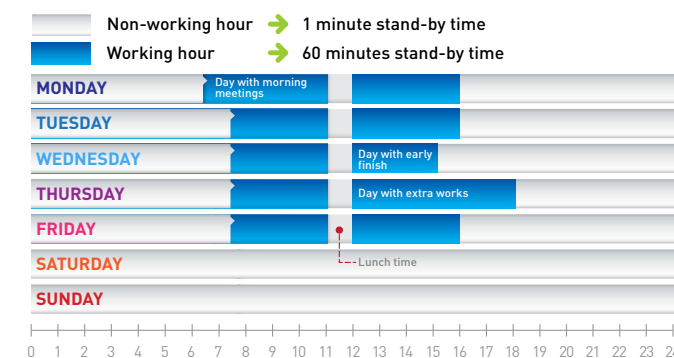
Type	N600	N610	Difference
Width	623mm	559mm	-64mm
Depth	799mm	599mm	-200mm
Height	816mm	802.9mm	-13.1mm

Power-saving mode with auto work pattern detection

A new feature, "Weekly Timer", adjusts stand-by time automatically depending on the work patterns of user which vary in days of week, morning, evening, lunch time, and peak time. Stand-by mode is more easy to use and it saves energy while increasing the device life.

Weekly Timer :

The device detects user work hours depending on days of week to adjust the stand-by time. Also, user can manually set the stand-by time.



High Quality & Convenient System

Optimized user environment

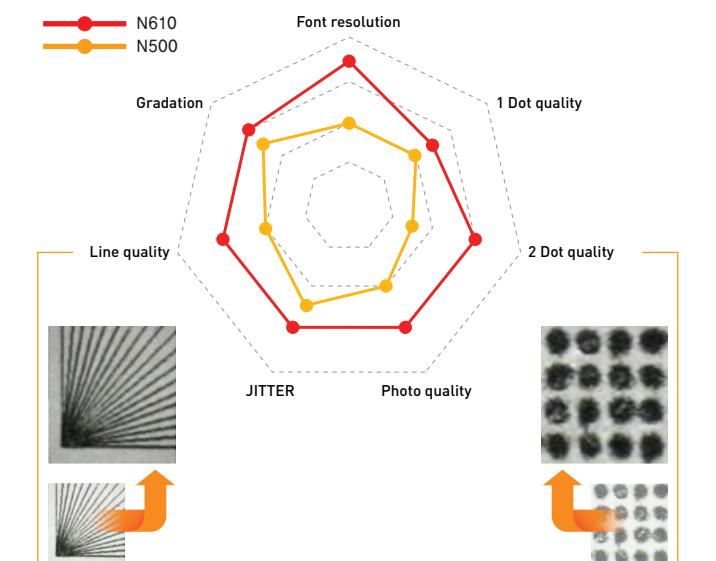
Auto dust removal

When dust or smudge on flatbed is detected, the source of dirt is removed automatically by image processing for copying or scanning. Also, "Dust detection" warning image is displayed to alert user so that user can remove the dirt.



Super-fine particle toners for high quality printing

Optimized high-quality printing is possible with finer and more consistent particles of toner. A vivid, but very small dot or fine line can be printed clearly.



Fax forward

Received fax documents can be forwarded to specified devices at certain time of day. This function can be useful for departments for overseas business, multi-international company, and sales staffs who frequently work outside of office.

※ With optional part



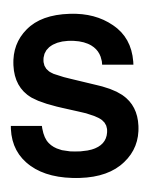
Enhanced fonts to improve text printing quality

More embedded fonts are added to support various types of fonts from a wide range of application programs. Printing speed and quality are improved with these fonts.

Bitmap fonts



Vector fonts



※PCL 45 Fonts (Vector) & PS 136 Fonts embedded:
Improved PCL Vector fonts are added to improve printing quality and performance.

※Improved PCL XL emulation:
Next-generation PCL XL is equipped for faster printing to 45 ppm. PDL emulation HES 4.2 version embedded