■N7100 Technical Specifications

Description	N7100
Scanner type	ADF (Automatic Document Feeder), Duplex scanning
Scanning modes	Color, grayscale, monochrome, automatic (color / grayscale / monochrome detection)
Image sensor type	Color CIS x 2 (front x 1, back x 1)
Light source	3 Color LED (Red / Green / Blue)
Multi-feed detection	Ultrasonic multi-feed detection sensor

Document size*1	Normal mode without Carrier Sheet	A4, A5, A6, B5, B6, Business card, Post card, Letter, Legal and Custom sizes (Max: 216 x 355.6 mm (8.5 x 14.17 in.), Min: 50.8 x 50.8 mm (2 x2 in.)) Automatically recognizes document size
	Normal mode with Carrier Sheet	Use of a Carrier Sheet permits the scanning of A3, B4, 11 x 17 in., and photographs as well as the documents sizes that are listed above
	Long page scanning (Maximum)	3,048 mm (120 in.) *2

Paper weight (Thickness)	Paper	40 to 209 g/m² (11 to 56 lb), A8 size: 127 to 209 g/m² (34 to 56 lb)
	Plastic card	0.76 mm or less, Embossed card: usable, Multiple cards cannot be set at a time

Scanning speed *3 (A4 Portrait)	Color*4	Simplex: 25 ppm (200, 300 dpi) Duplex: 50 ipm (200, 300 dpi)
	Grayscale*4	
	Monochrome*5	

Paper chute capacity	50 sheets (Letter/A4, 80 g/m² or 20 lb) (Active loadable ADF)
Optical resolution	600 dpi

Output resolution *6	Color (24-bit)	150, 200, 300, 600 dpi, Custom (50 to 600 dpi), Auto
	Grayscale (8-bit)	
	Monochrome (1-bit)	

Output methods	●Save image data to network folder/FTP server ●Send image data by E-mail ●Print (Sends image data to printer server or network printer) ●Send image data by FAX (Sends image data to FAX server or internet FAX in E-mail format) ●Save image data to SharePoint portal server

■Included items

●AC cable ●AC adapter ●LAN cable ●Getting Started

■Option

Description	Part number	Comments
Carrier Sheet	PA03360-0013	Each package contains 5 carrier sheets. It is recommended that each carrier sheet be replaced after it has been used for 500 scans.

■Consumables

Description	Part number	Comments
Roller Set	PA03706-0001	After every 200,000 sheets scanned or once a year
Cleaner F1	PA03950-0352	100 ml bottle Used to clean Rollers
Cleaning Wipe	PA03950-0419	1 pack (24 sheets) Used to clean Rollers
Cleaning Paper	CA99501-0012	1 pack (10 sheets) For use with Cleaner F1

Output file formats	PDF (Searchable / Password-protected / compressed / Marker Index processed), JPEG, TIFF (single / multi-page), page output in reverse order

Authentication*7	●User authentication:
	  Active Directory or Open LDAP(for Solaris or Linux), Standalone authentication *8
	●Folder authentication:
	  Active Directory or Open LDAP(for Solaris or Linux)

Network interface	10BASE-T, 100BASE-TX, 1000 BASE-T
Network protocols	TCP/IP(IPv4 / IPv6*9), DNS, DHCP, SMTP, SMB, LDAP, NTP, FTP, HTTP, SNMP
Power requirements	AC 100 to 240V ±10%

Power consumption	Operating mode: 38 W or less
	Sleep mode:8.8 W or less
	  (PA03706-B205: For North America)
	2.0 W or less
	  (PA03706-B001: For other countries)
	Auto Standby (off) mode: 1.0 W or less
	  (ENERGY STAR® standard: 0.5 W or less)

Operating environment	Temperature: 5 to 35℃ (41 to 95°F) Relative humidity: 20 to 80% (Non-condensing)
Dimensions: Width × Depth × Height*10	300 × 232 × 172 mm (11.8 × 9.1 × 6.8 in.)
Weight	6 kg (13 lb)
Environmental compatibility	ENERGY STAR® and RoHS

Display	LCD	8.4 inch XGA (1,024 × 768 pixels) TFT Color monitor
	Touch panel	Analog resistive touch panel
Keyboard		Software keyboard

*1 Scan A8 size documents with a paper thickness of 127 g/m²
*2 Scanning the document over 863mm in length is supported with output resolution 200dpi or below.
*3 Actual scanning speeds are affected by data transmission and software processing times.
*4 Indicated speeds are from using JPEG compression.
*5 Indicated speeds are from using TIFF CCITT Group 4 compression.
*6 Selectable maximum density may vary depending on the length of scanned document. In addition, Carrier Sheet scanning supports scanning at resolutions of up to 300 dpi.
*7 Please visit the fi Series homepage for details on what server types are supported by the N7100. Please see the following website for details regarding N7100 supporting servers:
    http://www.fujitsu.com/global/products/computing/peripheral/scanners/fi/network/n7100/
*8 An authentication database is stored locally in the N7100. User information is registered into the database from the application User Editor. Only one authentication database can be configured in the scanner.
*9 Please visit the fi Series homepage for more information about the support of this protocol.
*10 Excluding the ADF paper chute and stacker.

FUJITSU

FUJITSU Image Scanner N7100

Equipped with network features to make information sharing easier than ever

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This scanner is designed to digitize materials that can be reproduced lawfully, in accordance with applicable copyright regulations and other laws. fi Series users are responsible for how they use this scanner. It is imperative that fi Series users comply with all applicable local rules and laws, including, without limitation, copyright laws when using this scanner.

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*Linux is the registered trademark of Linus Torvalds in the U.S. and other countries.
*Other company names and product names are the registered trademarks or trademarks of the respective companies.

⚠ Safety Precautions

Be sure to carefully read all safety precautions prior to using this product and use it as directed.	Do not place or use this product in places that are wet, high in moisture, dusty or oily. Doing so may result in electrical shock, fire and other hazards as well as product damage.

shaping tomorrow with you

Simple operation Stand-alone Network Scanner designed to speedily digitize documents and facilitate paperwork all around the office

Directly link to a network and digitize documents for e-mails, faxes, network storage and much more – all with remarkable ease.

Easy Stand-alone Network Operation with Large Display

Large size screen with integrated on-screen keyboard and PC functions are equipped in the compact network scanner, so it can be used in office or in teller window where space is limited. User can perform scanning, data saving and transmission without operating from a computer.

Quick scanning speed that supports plastic card

Scanning speed is consistent at 25 pages per minute (ppm) even in heavily-loaded scanning such as A4 color, double-sided, at 300dpi. N7100 is equipped with accurate and stable feeding mechanism that supports scanning from thin paper to thick paper, and plastic card. Plastic ID card and application form can be scanned together easily at a teller window of banks or hospitals.

Less waiting time to achieve stress free scanning

In order for the user not to feel any stress, the image processing after scanning is quick thanks to the enhanced CPU/memory. The time from start of scanning to finish image processing (preview of the last scanned page appears) is 50% shorter than the previous model[*1]. For regular scanning routines, only one touch of the scan button is necessary which greatly improves the productivity.

High security assuming to be shared by multiple users

The N7100 achieves high security on the premise that it is shared by multiple users. Not only verification before scanning, but also Encryption while processing and data deletion after scanning are performed automatically, users can use the network scanner with peace of mind.

Login authentication strictly controls what people can do with the scanner.

Scanned data can be output as password-protected PDF files.

Advanced security measures guard scanned data from prying eyes.

Encryption
N7100 encrypts and temporarily stores scanned data locally during processing for e-mails, faxes, printing and network storage.

Scanned data deletion
After scanned data has been e-mailed, faxed, printed out or saved to a network folder N7100 automatically deletes the temporarily stored data from its internal memory. Even if an error results in the data remaining in memory, it is automatically erased the next time the scanner is started up.

Secure Initialize
When N7100 is initialized, free regions of the internal memory can be overwritten with completely random, meaningless data. As an added security measure, a new cipher key is generated after user information is deleted. All of this ensures that no trace of old user data can be retrieved from open memory.

Perfect Fit Customized to Your Unique Needs

Administrators can customize the touch panel job menu and scan settings of N7100 to suit the work of a specific user or user group registered to the scanner. User's application can be integrated to the scanner as add-in software using the exclusive SDK (for Windows). N7100 comes with a USB port to connect keyboard or other USB devices[*2] (except USB memory). N7100 can be customized to be a terminal exclusively for your operation.
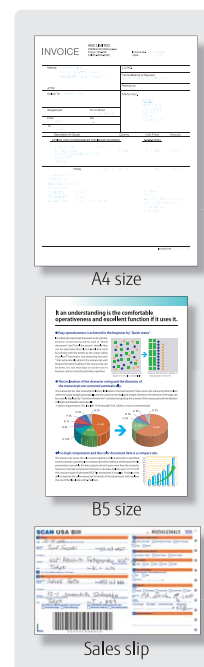
A customized Job menu

*To satisfy the security policy, anti-virus software can be installed as an option to safely expand the functions.
*The SDK (software development kit) allows for the development of scanner controlled workplace applications. The Network Scanner Control SDK is free to download. Support scheme is different by each sales region.

High Quality Results Perfectly Suited for OCR

The scanner driver PaperStream IP, which supports TWAIN, saves the hassle to fine adjusting the document for OCR process. It automatically converts the images into exceptionally clean images, accelerating OCR even when scanning wrinkled/soiled document or document with background.

A4 size

B5 size

Sales slip

N7100

Automated functions convert the documents into image files neatly and quickly.

PDF
JPEG
TIFF
MTIFF

Automated functions take the work out of scanning

Advanced automated functions ensure N7100 digitizes your documents with remarkable precision and efficiency. Produce beautiful scans quickly without barely lifting a finger.

Auto orientation	Automatic color detection
Auto deskew	Paper size detection
Blank page detection	Marker index*

*This function detects words marked with a highlighter and embeds them as keywords in PDF files.

Paper size detection

Save
Save directly to a network folder. Improve information sharing within the company.

Mail
Attach to an e-mail. Speedily send documents to many people.

Printer
Send to a network color printer. Make N7100 an alternative solution to your color copier.

Fax
Send as a fax. With N7100 you can preview and edit scanned data before sending.
*Requires a fax server

SharePoint
Save directly to a SharePoint folder

Versatile range of use from SOHO to large enterprises

Connects with a variety of server types
N7100 well satisfies the digitizing needs of small office networks which use a file server and e-mail server. It's also right at home with more complex LDAP/LDAPS authentication-based networks, integrated with Microsoft Exchange Server, SharePoint and other application hubs.
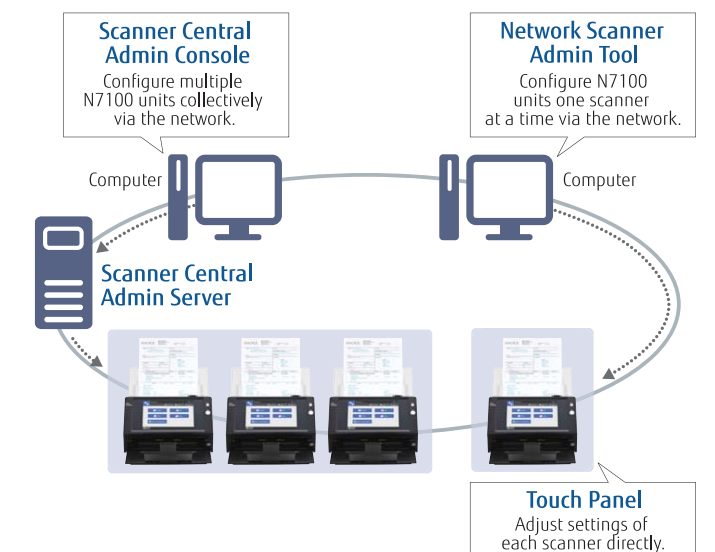
Set up and manage multiple N7100 scanners at one time
N7100 offers administration functions that allow you to individually or collectively setup and manage a vast network of N7100 units with ease from a single console.

Network Scanner Admin Tool
The Admin Tool function allows you adjust running environment settings one scanner at a time.

Scanner Central Admin Console/Scanner Central Admin Server
Collectively monitor and manage scanner usage, settings and much more for multiple N7100 units through the Scanner Central Admin Server function.

Scanner Central Admin Console
Configure multiple N7100 units collectively via the network.

Network Scanner Admin Tool
Configure N7100 units one scanner at a time via the network.

Computer

Computer

Scanner Central Admin Server

Touch Panel
Adjust settings of each scanner directly.

*1 Time to scan 10 A4 sheets in color. Time from pressing the "scan" button till the completion of image processing (preview image of the last page appears) is 50% shorter compared to the predecessor N1800 (52 seconds reduced to 24 seconds)
Output resolution: 200dpi,
Output file format: Multi-TIFF,
Image Processing: Auto color detection, Automatic page size detection, Rotation, Blank page detection, Multifeed detection
*2 Only standard keyboard with layout of 109(Japanese) and 102(English) are supported. When using with other USB devices such as IC card reader, development of Add-in application using Network Scanner Control SDK (free download) is necessary.