Information sharing made easy

Improve business processes and maximise efficiency

FUJITSU Network Scanner N7100

- **Fast.** Scan-Process-Store in one seamless flow, based on embedded PaperStream IP technology
- **Reliable.** High-end paper feeding mechanisms and automated image enhancement
- **Efficient.** Intuitive operation with customised user control
- **Seamless.** Work more efficiently with colleagues across multiple locations
- **Versatile.** Scan and collaborate across a variety of platforms

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FUJITSU

The N7100 network scanner helps maximise business efficiency by allowing every staff member to speedily digitise everyday documents and facilitate the use and transmission of paperwork all around the company. It is perfectly suited to any environment where space is limited such as an office, in the corridor or any customer facing environment due to its compact nature and quiet operation.

Built on the success, proven software architecture and usability concept of the Fujitsu network scanner family, the N7100 is ideal for large enterprises and SMEs alike. Essentially, the N7100 can help companies who have a requirement for a scanner that is simple and intuitive in operation and where any number of users can scan, save and transfer their data without the need for an additional computer.

Built for easy and intuitive digitisation

The N7100 comes equipped with a large 8.4" high resolution XGA (1,024 x 768 pixels) touchscreen and an integrated on screen keyboard (USB potential for added keyboard. Additionally and based on login credentials a variety of standardised scanning sequences as well as individually customised 'Job Menus' can be set up and geared around the requirements of an individual user, a user group or a complete department. This customisation can help establish an instant and secure control of any scanning settings and destinations to which information should be routed.

The N7100 is equipped with a highly reliable and advanced paper feeding mechanism that can support the scanning of a wide variety of everyday documents whether it be invoices, contracts, delivery notifications or remittance slips. This feeding system based on technology derived from high-end, high-volume scanning devices is based on a combination of feed and brake rollers, which ensures that mixed batches of documents ranging in thickness from 40 to 209 g/m^2 and even embossed plastic cards can be reliably scanned and processed instantly. A 50 page automatic document feeder (ADF) can accommodate paper sizes up to A4 in size and even embossed cards.

Avoid unnecessary waiting times

The N7100 offers an impressive start up time, simple one button operability and feeding speeds of 25 pages per minute (ppm) that generate 50 images per minute (ipm) at 300 dpi from double sided paper documents. Additionally this scanner provides intelligent scanning features and automated image processing functions such as Automatic Colour Detection, Automatic Orientation, Blank Page Removal, Auto Deskew and Marker Index. These all help contribute to more efficient document processing day after day.

The powerful CPU and GI processor work in combination with embedded PaperStream IP image enhancement technology and facilitate a near-instant view of resulting scans, even when scanning larger volume batches and applying more demanding image enhancement as well as text recognition routines. It is possible to completely capture and store 50 double sided documents in less than 2 minutes.

A4 Portrait at 300 dpi 25 ppm / 50 ipm
Scan mixed batches up to 50 sheets

Login screen

Main Menu screen

Preview screen
(Scan viewer)

Instant distribution and collaboration

The N7100 not only provides for just scanning but actually immediately adds value to scanned data. This is achieved through a variety of 'scan to' processes that combine several steps of document capture all the way through to the final release of the image data to a pre-determined destination. This could be distribution to a network folder, an email address, a network fax to reduce transmission costs, a network printer thereby performing like a photocopier, an FTP server so using the internet to transmit or directly into a collaboration platform to address enterprise content management requirements.

Resilient security features

Despite the N7100 being a shared device by nature, it is a highly secure device armed with advanced security features.

- Login authentication strictly limits access to and extent of use of the scanner
- Access control peripherals like fingerprint sensors, magnetic swipe card readers and PalmSecure user identification solutions can be attached
- Scanned data can be output as password-protected PDF files
- Any image and usage data transmission can be directed through secure socket layers (SSL)

Any data scanned is immediately encrypted and held in temporary memory, while it is being processed and prepared for transmission to its final destination. The N7100 then automatically deletes any image data from its internal memory.

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

Manage from a single location

The Scanner Central Admin server and console software enable Fujitsu scanners to be managed and maintained from a single location to minimise scanner downtime anywhere on the global system. This enables centralised set up, customisation, monitoring and initiation of exception handling for up to 1000 network scanners distributed amongst several locations managed under the same domain. Even feeding log data into third party network management tools is supported.

Versatility

The N7100 satisfies the digitising needs in larger scale networks as well as in environments where more basic file servers and e-mail servers are deployed. It is right at home with more complex LDAP/LDAPS authentication-based networks, and allows for integration with Microsoft Exchange Servers, FTP servers, third party applications and portal and collaboration platforms.
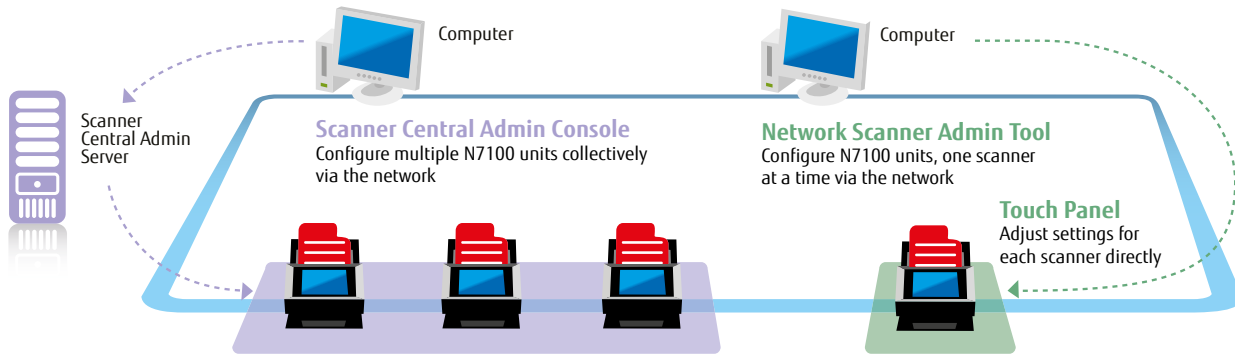
An SDK is available for the N7100 to further meet the needs of your business. This SDK will enable developing a connector to a preferred third-party application, may that be a DMS, ECM, BPM or ERP system. This connector in turn is uploaded to the N7100 and then acts as a one button door opener into the productive target systems. The SDK additionally provides for utilising IC readers attached to the network scanner's USB port.

Workflow diagram

Capture documents and seamlessly integrate them into your business systems

Scanner Central Admin Server

Computer

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

Computer

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

Touch Panel
Adjust settings for each scanner directly

Specifications

Model		N7100
Scanner type		ADF (automatic document feeder), Duplex scanning
Scanning modes		Colour, Greyscale, Mono, Automatic (Colour /Greyscale / Mono detection)
Image sensor type		Colour CIS x 2
Light source		3 Colour LED (Red / Green / Blue)
Document size[1]	Normal mode without carrier sheet	A4, A5, A6, A8[1], B5, B6, business card, postcard, letter, legal and custom sizes Minimum : 50.8 x 50.8 mm / Maximum : 216 x 355.6 mm / Automatically recognises 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 paper scanning	3,048 mm[2]
Recommended paper weight		40 to 209 g/m², A8 size: 127 to 209 g/m² Cards can be scanned (landscape only), non-embossed : 0.76 mm or less / embossed : 0.76 + 0.48 mm (ISO7810 conforming)
Scanning speed (A4 Portrait)		Simplex: 25 ppm (200, 300 dpi), Duplex: 50 ipm (200, 300 dpi)
Paper chute capacity[3]		50 sheets (Active loadable ADF)
Optical resolution		600 dpi
Output resolution[4]	Colour / Greyscale / Mono	150 / 200 / 300 / 600 dpi[5]
Output format		Colour: 24 bit / 8 bit, Greyscale: 8 bit, Mono: 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) send image data by fax (sends image data to fax server in e-mail format), save image data to SharePoint portal server
Output file formats		PDF (searchable / password-protected / compressed / marker index processed), JPEG, TIFF (single / multi-page), page output in reverse order
Authentication		User authentication: Active Directory or Open LDAP (for Solaris or Linux), Standalone authentication[6], 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), DNS, DHCP, SMTP, SMB, LDAP, NTP, FTP, HTTP, SNMP
Power requirements / Power consumption		AC 100 to 240 V ± 10% / Operating: 38W or less (Sleep mode: 2.0W or less) Auto standby (OFF) mode: 1.0W or less (ENERGY STAR® Standard 0.5W or less)
Operating environment		Temperature: 5 to 35°C / Relative humidity: 20 to 80% (Non-condensing)
Dimensions (W x D x H)[7]/ Weight		300 x 232 x 172 mm / 6 kg
Environmental compliance		ENERGY STAR® / RoHS[8]
Display	LCD / Touch panel	8.4 inch XGA (1024 x 768 pixels) TFT colour monitor / Analog resistive touch panel
Keyboard		Software keyboard
Others	Multi-feed detection	Supported (Standard) ultrasonic multi-feed detection sensor
Standard Warranty (included in the price of the product)		1 Year Standard Warranty: Advance Exchange - Next Business Day

Consumables and options	Order by Part Number	Remarks
Carrier Sheet	PA03360-0013	Each pack contains 5 carrier sheets.It is recommended that each carrier sheet be replaced after it has been used for 500 scans
Consumable Kit	CON-3706-001A	1 x pick roller; 1 x brake roller; total maximum lifetime 200,000 documents or 1 year
Cleaning Kit	SC-CLE-WGD	72 x F1 cleaning fluid impregnated cleaning wipes

Optional Service Plans [9]	Order by Part Number	Service Description
Extended Warranty	U3-EXTW-NET	3 Year Extended Warranty: Advance Exchange - Next Business Day
Bronze Service Plan	U3-BRZE-NET	3 Year Service Plan: Onsite Service - 8 Hour Response + 8 Hour Fix

Advance Exchange = Replacement of the faulty scanner with a new or as new unit.
Onsite Service = A visit by a technician with a spare parts kit to repair the product at your premises.

[1] The N7100 can scan A8 documents at a thickness of up to 127 g/m²

[2] Documents over 863 mm can be scanned at an output resolution of 200 dpi or below

[3] Maximum capacity varies, depending upon paper weight.

[4] Maximum output resolutions may vary, depending upon the size of the area being scanned and whether the scanner is scanning in simplex or duplex.

[5] Scanning limitations due to scanning mode, document size and available memory may occur when scanning at high resolutions (600 dpi).

[6] 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.

[7] Excluding the ADF paper chute and stacker.

[8] PFU Limited, a Fujitsu company, has determined that this product meets RoHS requirements (2011/65/EU).

[9] Geographic Limitations may apply to Service Plans and Service Levels in some countries. Please contact us for more information.

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PFU (EMEA) Limited
Hayes Park Central
Hayes End Road, Hayes
Middlesex UB4 8FE
United Kingdom
Tel: +44 (0)20 8573 4444

PFU (EMEA) Limited
Frankfurter Ring 211
80807 Munich
Germany
Tel: +49 (0)89 32378 0

PFU (EMEA) Limited
Viale Monza, 259
20126 Milano (MI)
Italy
Tel: +39 02 26294 1

PFU (EMEA) Limited
Camino Cerro de los Gamos, 1
28224 Pozuelo de Alarcón
Madrid
Spain
Tel: +34 91 784 90 00

http://emea.fujitsu.com/scanners

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