ScanSnap N1800
Color Image Scanner

ScanSnap N1800
Network Scanner to maximize business efficiency

With the functionality of many devices, yet the simplicity of one, the ScanSnap N1800 network scanner contains the qualities organizations of all sizes desire to improve business processes.

- Main Menu with multifunction capability including scan to folder/ftp, e-mail, network fax or printer and scan to Microsoft® SharePoint® Server

- Job Menu for one button scanning with preconfigured scan settings and predefined destinations for scanning consistency and to reduce unintended errors

- High security to assist with compliance and regulatory standards as well as assist organizations to secure sensitive electronic data

- Centralized administration to reduce initial deployment expense as well as decrease on-going maintenance and reconfiguration costs

- Integrated optional third-party solutions and Software Developer's Kit (SDK) to enhance ScanSnap N1800 capability such as indexing, connectivity or branding
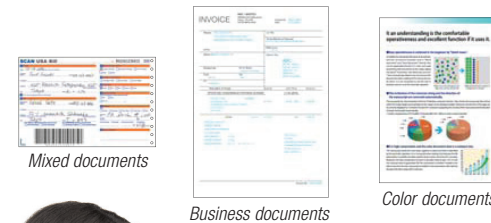
ScanSnap

FUJITSU

Digitizing documents is quick and easy with the highly-functional, yet simple to use ScanSnap N1800 network scanner.

Process documents efficiently with scan to e-mail, scan to folders or even scan to business process workflow!

The functionality of many devices, yet the simplicity of one!

With a wide range of user functions the ScanSnap N1800 allows organizations of all sizes to easily and efficiently digitize their documents to improve access to information, cut costs and secure electronic data.

Mixed documents

Business documents   *Color documents*

Scan to a network folder
Shared documents

Scan to a network fax
Reduce transmission costs

Scan directly to e-mail
Easy to use operation

Scan to a network printer
Acts like a copy machine

Scan to FTP server
Use internet to transmit

Scan to Microsoft SharePoint
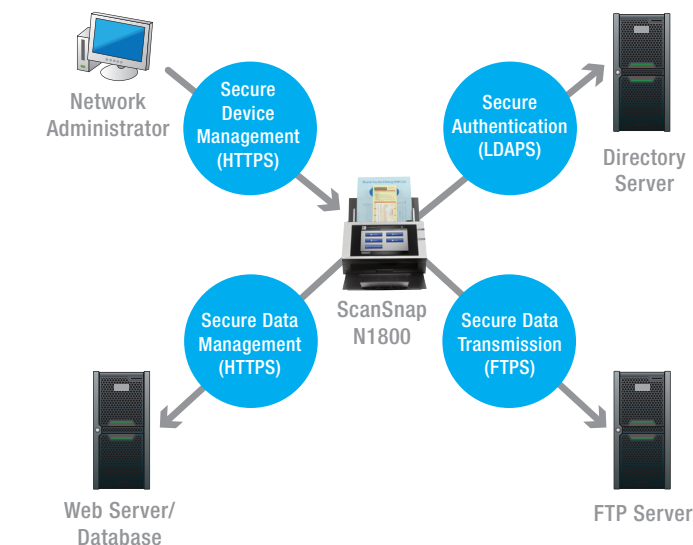*Enterprise Content Management*

Ideal for Small and Medium Business
- Space saving design
- Multifunction functionality to reduce hardware costs
- Local user accounts
- Quiet operation
- Loaded with intelligent scanning features
- Outstanding price/performance

Installation Wizard

Welcome to the Installation Wizard.
Select items to be set from below.

☑ Scanner Name   ☐ Region / Timezone Date / Time
☐ Login Settings   ☑ Admin Password
☑ IP Address   ☐ DNS Server
☐ Scanner Central Admin Server

Cancel   Start

General office functionality
- Fast scanning speeds of 20 pages per minute and true double-sided speeds of 40 images per minute in color, grayscale or black & white @ 300 dpi
- 50 page document feeder
- Large 8.4" touch screen high resolution (1024 x 768) display
- Scan to e-mail, folder/FTP, network fax or printer or Microsoft SharePoint Server

Enterprise features
- Central Administration Server software
- Job Menu's based on individual user login to control scanning settings and destination(s)
- High security to assist with compliance and regulation
- SDK and optional third-party applications for integration with line of business systems

Centralized Management
- Easy deployment and effective device management
- Maintain of fleet of scanners with ease from any workstation
- Create customized groups of scanner settings based on location or work requirements
- Settings stored centrally allows for new scanners to inherit settings in minutes

Individuals

Departments

Remote offices

Worldwide

Network Administrator

Central Administration Server

Small, compact design
The ScanSnap N1800 network scanner's small footprint of 11.8" x 8.9" x 6.8" (W x D x H) fits practically anywhere.

6.8"
8.9"
11.8"

Enhanced Security
- High security to assist with adherence to regulatory or compliance standards
- Support for SSL protocols for secure authentication, management and transmission
- No external USB
- Secure disk swiping
- Install certificates
- Data encryption
- SMTP authentication

Network Administrator

Secure Device Management (HTTPS)

Secure Authentication (LDAPS)

Directory Server

Secure Data Management (HTTPS)

ScanSnap N1800

Secure Data Transmission (FTPS)

Web Server/ Database

FTP Server

Integration
- Optional Third-Party Applications provide additional integration capabilities
- Ability to support six applications per N1800
- Capabilities include adding metadata, document separation, bar code recognition, scan to workflow, ECM/ERP connectivity, touch screen indexing, database lookups, vertical market applications, bill back coding, Fax Server address list lookups, document routing
- Connectivity to cloud services, hosted applications and software as a service providers

Scan to SharePoint

Save in   Save as
US Airbill (SD117)   FI-HVSB6U87EVFW12072
Content Type   Overwrite old files?
Document   No

Title	US Airbill
Airbill Number	184756382024
Sender's Account	866492356743
From Name	Bob Sender

Cancel   Scan Settings   Default   Scan Viewer   On   Scan

Intelligent scanning
- Loaded with many features to automatically create excellent image quality without rescanning
- Automatic page size detection and deskew
- Automatic page rotation, auto color detection, auto blank page removal
- Intelligent scanning features enabled by default
- No need to sacrifice speed when using intelligent scanning features unlike many competitors
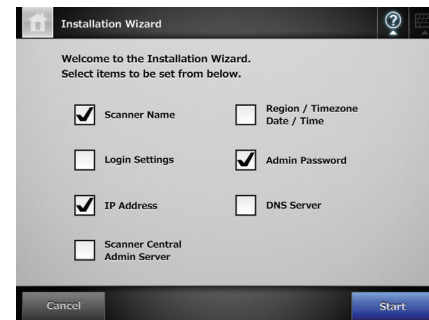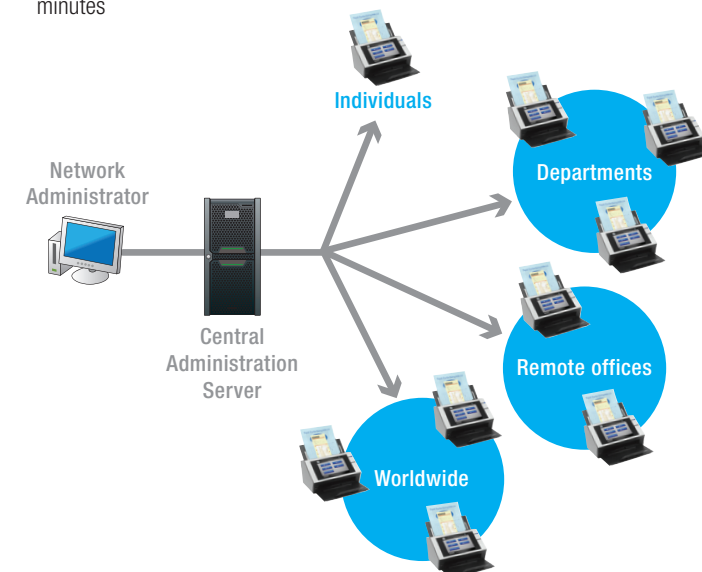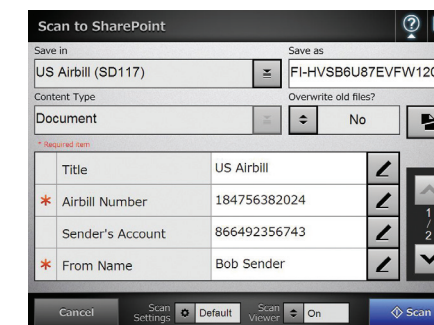- Ultrasonic double-feed detection

Job Menus and Job Buttons
- One button scanning
- Multiple destinations
- Customize based on login
- Color dropout forms
- Message screen
- Pre-determined scanner settings
- Control user operation
- Ideal for vertical markets
- Long document profile
- Add-In integration support

Job Menu   Healthcare

UB92   CMS1500
ECG   EKG strip
Admissions Form

Logout

ScanSnap N1800 for all industries
ScanSnap network scanners are being used in a wide range of industries to help organizations be more efficient, reduce costs and improve customer service.
- Healthcare
- Transportation
- Federal Government
- Banking
- Financial services
- Higher education
- State/Local Government
- Insurance

Transform your organization into an efficiently running machine with the paper-digitizing assistance of the ScanSnap N1800 network scanner!

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General Technical Specifications

Product Name / Part number	ScanSnap N1800 / PA03609-B005
Scanner Type	Automatic Document Feeder (ADF), Duplex Scanning
Scanning Modes	Color, Grayscale, Monochrome, Automatic (color / grayscale / monochrome detection)
Image Sensor	Color CCD (Charge coupled device) x 2 (front x 1, back x 1)
Light Source	White cold cathode discharge lamp x 2 (front x 1, back x 1)
Document size [1,2]	**Automatic document size detection:** A4 (210 x 297 mm), A5 (148 x 210 mm), A6 (105 x 148 mm), B5 (182 x 257 mm), B6 (128 x 182 mm), Letter (8.5 x 11 in.), Legal (8.5 x 14 in.), Executive (7.25 x 10.5 in.), Post Card (100 x 148 mm), Business Card (51 x 89 mm) and Custom (Max: 8.5 x 14 in.) **Maximum:** Legal (8.5 x 14 in.) Supports A3/B4 scannability when documents are scanned with ScanSnap carrier sheets. **Minimum:** A8 Portrait (52 x 74 mm) or 2 x 3 in.
Paper Weight (Thickness)	52 to 127 g/m^2 (14 to 34 lb) and only supports 127 g/m^2 (34lb.) for A8 sheets

Scanning Speed (A4 portrait) [3]	Color	Simplex: 20 ppm (200, 300 dpi)
	Grayscale	Duplex: 40 ipm (200, 300 dpi)
	Monochrome	

Paper Chute Capacity	50 sheets (Letter/A4, 80 g/m^2 or 20 lb. (Active loadable ADF)
Expected daily volume	400 sheets/day
Optical resolution	600 dpi

Output resolution [4]	Color	150 / 200 / 300 / 600 dpi
	Grayscale	
	Monochrome	

Output methods	**Save image data to network folder/FTP server** **Send image data by email** **Print** (Sends image data to printer server) **Send image data by FAX** (Sends image data to FAX server in email format) **Save image data to SharePoint folder**
Output file formats	PDF (Searchable PDFs, Password protected PDFs, PDF compression, Marker index), JPEG, TIFF (Single, multi-page), Page output in reverse order

Authentication [5]		**User authentication:** ActiveDirectory or OpenLDAP (for Solaris or Linux), Standalone authentication [6] **Folder authentication:** ActiveDirectory, OpenLDAP (for Solaris or Linux)
Network interface		10BASE-T, 100BASE-TX
Network protocols		TCP/IP, DHCP, SMTP, SMB, LDAP, NTP, FTP, HTTP
Power requirements		AC 100 to 240 V ± 10 %
Power consumption		Operating 50 W or less (Sleep mode: 15 W or less, Off mode: 0.5 W or less)
Operating environment		Temperature: 5 to 35 °C (41 to 95 °F) Relative humidity: 20 to 80 % (Non-condensing)
Dimensions: Width x Depth x Height [7]		300 x 226 x172 mm (11.8 x 8.9 x 6.8 in.)
Device weight		6 kg (13.23 lb.)
Environmmental compatibility		ENERGY STAR compliant / RoHS [8]
Display	LCD	8.4 inch XGA (1024 x 768 pixels) TFT Color monitor
	Touch panel	Analog resistive touch panel
Keyboard		Software keyboard
Others	Multi-feed detection	Supported (Standard) ultrasonic multi-feed detection sensors
	Long paper scanning [9]	3048 mm (120 in.)

1: Scan A8 size documents with paper thickness of 127 g/m^2. **2:** Long Page Mode is available only for resolutions up to 200 dpi. **3:** Actual scanning speeds are affected by data transmission and software processing times. **4:** Maximum output resolution may vary upon scanning range. In addition, ScanSnap Carrier Sheet scanning supports scanning resolutions of up to 300 dpi. **5:** Please visit the ScanSnap homepage for details on what server types are supported by the N1800. Please see the following website for details regarding ScanSnap N1800 supporting servers: http://imagescanner.fujitsu.com/. **6:** An authentication database is stored locally in the N1800. 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 (2002/95/EC). **9:** The ScanSnap N1800 is capable of scanning documents that exceed A4 sheets in length.

Options	Part number	Comments
ScanSnap N1800 SDK	PAO3609-K180	This software development kit (SDK) assits with the development of ScanSnap N1800 control related applications.
ScanSnap 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	Part number	Comments
Pick roller	PAO3586-0001	Lifetime: Every 100,000 sheets or one year. These rollers feed documents into the scanner.
Pad assy	PAO3586-0002	Lifetime: Every 50,000 sheets or one year. These rubber parts separate documents.
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.

Included items
- ADF paper chute
- AC cable
- AC adapter
- LAN cable (straight-through)
- Carrier sheet
- Getting started

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

ENERGY STAR

ABBYY FineReader OCR

For more ScanSnap related information please visit http://scansnap.fujitsu.com

About Fujitsu Computer Products of America, Inc.

Fujitsu Computer Products of America, Inc., a subsidiary of Fujitsu Ltd., is an established leader in the Document Imaging industry, delivering innovative scanning solutions and services that enable our customers to solve critical business productivity issues and streamline operations. We provide cutting-edge document capture and workflow solutions for business and personal environments, backed by a comprehensive portfolio of service and support programs.

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