UniLink

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

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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/m² (14 to 34 lb) and only supports 127 g/m² (34lb.) for A8 sheets

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

Paper Chute Capacity	50 sheets (Letter/A4, 80 g/m² 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.)
Environmental 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/m². 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	PA03609-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	PA03586-0001	Lifetime: Every 100,000 sheets or one year. These rollers feed documents into the scanner.
Pad assy	PA03586-0002	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

ENERGY STAR

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