

# ScanSnap

Color Image Scanner

## N1800

Network Scanner

## ScanSnap N1800 Technical Specifications

<b>Product name</b>		ScanSnap N1800
<b>Scanner type</b>		ADF (Automatic Document Feeder)
<b>Scanning modes</b>		Color, grayscale, monochrome, automatic (color / grayscale / monochrome detection)
<b>Image sensor type</b>		Color CCD (Charge-coupled device) x 2 (front x 1, back x 1)
<b>Light source</b>		White cold cathode discharge lamp x 2 (front x 1, back x 1)
<b>Document size *1 *2</b>		<ul style="list-style-type: none"> <li>●Automatic document size detection: A4, A5, A6, B5, B6, Letter, Legal, Executive, Post Card (100 x 148 mm), Business Card (51 x 89 mm) and Custom (Max : 8.5 x 14 in.)</li> <li>●Maximum : Legal (8.5 x 14 in.)</li> <li>* Supports A3/B4 scanning when documents are scanned with ScanSnap carrier sheets</li> <li>●Minimum : A8 Portrait (52 x 74 mm) or 2 x 3 in.</li> </ul>
<b>Paper weight (Thickness)</b>		52 to 127 g/m <sup>2</sup> (14 to 34 lb) and only supports 127 g/m <sup>2</sup> (34 lb) for A8 sheets
<b>Scanning speed (A4 Portrait) *3</b>	<b>Color , Grayscale, Mono</b>	Simplex: 20 ppm (200, 300 dpi) Duplex: 40 ipm (200, 300 dpi)
<b>Paper chute capacity</b>		50 sheets (Letter/A4, 80 g/m <sup>2</sup> or 20 lb) (Active loadable ADF)
<b>Typical daily volume range</b>		400 – 2,000 sheets/day
<b>Optical resolution</b>		600 dpi
<b>Output resolution *4</b>	<b>Color (24 bit) , Grayscale (8 bit), Monochrome (1 bit)</b>	150 / 200 / 300 / 600 dpi
<b>Output methods</b>		<ul style="list-style-type: none"> <li>• Save image data to network folder/FTP server /</li> <li>• Send image data by E-mail</li> <li>• Print (Sends image data to printer server) /</li> <li>• Send image data by FAX (Sends image data to FAX server in E-mail format) /</li> <li>• Save image data to SharePoint folder</li> </ul>
<b>Output file formats</b>		PDF(Searchable / Password-protected / compressed / Marker Index processed), JPEG, TIFF(single / multi-page), page output in reverse order
<b>Authentication *5</b>		<ul style="list-style-type: none"> <li>●User authentication: ActiveDirectory or OpenLDAP(for Solaris or Linux), Standalone authentication *6</li> <li>●Folder authentication:ActiveDirectory, OpenLDAP(for Solaris or Linux)</li> </ul>
<b>Network interface</b>		10BASE-T, 100BASE-TX
<b>Network protocols</b>		TCP/IP, DHCP, SMTP, SMB, LDAP, NTP, FTP, HTTP
<b>Power requirements</b>		AC 100 to 240 V ±10 %
<b>Power consumption</b>		Operating: 50 W or less (Sleep mode: 15 W or less, Off mode: 0.5 W or less)
<b>Operating environment</b>		Temperature: 5 to 35 °C (41 to 95 °F) / Relative humidity: 20 to 80 % (Non-condensing)
<b>Dimensions: Width x Depth x Height *7</b>		300 x 226 x 172 mm (11.8 x 8.9 x 6.8 in.)
<b>Device Weight</b>		6 kg (28.7 lb)
<b>Environmental compatibility</b>		ENERGY STAR compliant / RoHS *8
<b>Display</b>	<b>LCD</b>	8.4 inch XGA (1,024 x 768 pixels) TFT Color monitor
	<b>Touch panel</b>	Analog resistive touch panel
<b>Keyboard</b>		Software keyboard
<b>Others</b>	<b>Multi-feed detection</b>	Supported (Standard) ultrasonic multi-feed deflection sensor
	<b>Long paper scanning *9</b>	3,048 mm (120 in.)

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- \*1 Scan A8 size documents with a paper thickness of 127 g/m<sup>2</sup>
- \*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 at resolutions of up to 300 dpi.
- \*5 Please visit the ScanSnap homepage for details on what server types are supported by ScanSnap 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 ScanSnap 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

Description	Model number	Remarks
ScanSnap N1800 SDK	PA03609-K180	This software development kit (SDK) assists 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.

### Included items

- ADF paper chute
- AC cable
- AC adapter
- LAN cable(straight-through)
- Carrier Sheet
- Getting started

### Consumables

Description	Model number	Remarks
PICK ROLLER	PA03586-0001	Lifetime: 100,000 sheets or one year. These rollers feed documents into the scanner.
PAD ASSY	PA03586-0002	Lifetime: 50,000 sheets or one year. These rubber parts separate documents.
Cleaner F1	PA03950-0352	100 ml bottle. Used to clean Rollers
Workgroup & Departmental Scanner Cleaning Kit	SC-CLE-WGD	72 cleaning fluid impregnated wipes (EAN 5032140200199)

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

Specifications are subject to change without notice.