

FUJITSU Image Scanner fi-6800

Fujitsu's new high performance scanner built for usability
and for the environment



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■ fi-6800 Features

■ Incredibly fast scanning

The Fujitsu fi-6800 offers fast, 130 ppm/260 ipm*, A4 landscape size color scanning from a new compact design. A new scanner with superior cost performance is born!

* Scanning speeds may vary due to the system environment used.
 * System requirements (recommended)
 CPU: Intel® Core™ i5 2.5GHz or higher, Memory: 4GB or higher, HDD: 7,200rpm, Interface: USB3.0/2.0

■ A new compact design that's sure to please users and the environment

Utilizing a high quality lens and extra-bright LED light source enclosed in heavy-duty resin frame, fi-6800's new compact design makes it the smallest in its class* (Takes up 53% less space and is 72% lighter than fi-4860C2).

* Applies to business scanners priced between US\$10,000 and US\$34,999. True as of Aug. 1, 2009 (PFU Limited)

● What will please users

- Easily perform scans even while sitting down thanks to fi-6800's low profile design
- Check scanner status and settings from an easy to navigate LCD panel
- Simple but very sturdy construction with a wide flip-up cover for easy cleaning
- Near silent running makes it perfect for office tasks



● What will please the environment (Green IT)

- Constructed using minimum and lightweight raw materials
- Short recovery time from the extra-bright LED light source (within 6 seconds)
- Low power consumption when in sleep mode (less than 3.2 W)

■ New functions that boost automation, power efficiency and productivity

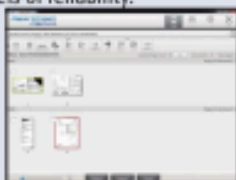
The fi-6800 supports new automatic functions that make scanner operating tasks even easier, faster and more energy efficient. With high speed scanning, you will see your work productivity jump leaps and bounds.

● Scan and sort a stack of various documents in one pass using the state-of-the-art "Automatic Sorting" function

Sorting and saving document scans become completely hands free thanks to PaperStream Capture extremely accurate "Automatic Sorting" function. With the flexibility of choosing between unique sorting sheets or barcode printed sheets to cleanly separate various kinds of office documents, this function helps reduce scanner operation time while also bringing new levels of reliability.

● Reduce the hassle of post-scan tasks with "Automatic Stacker" and "Automatic Image Quality Checker"

Automatic Stacker ensures all your scanned documents are stacked neat and tidy while Automatic Image Quality Checker detects any image irregularities (folds or tears in the scanned document) after scanning. Post-scan tasks have never been this easy.



● An excellent paper-feed mechanism that guards against document damage and misaligned document feeds

Fujitsu's fi-6800 features a very reliable paper-feed mechanism which is derived from Fujitsu's top of the line fi-S950 model. Utilizing fi Series' renowned "Paper Protection" Function and "Multifeed Protection" Function, paper feed problems are tackled before they happen. This brings optimum workflow to your business.

■ Renewed scanner driver and image capturing software

● PaperStream IP – produce high quality image processing
 PaperStream IP is the scanner driver for fi Series which is based on TWAIN/ISIS standard. With the advanced black and white process, various documents can be automatically and easily converted into image data suitable for OCR (Optical character recognition). High quality image data can be created without pre-setting the scanning settings beforehand.

● PaperStream Capture – enhance batch scanning

PaperStream Capture is an application to scan and manage the scanned data using fi Series scanners. Whether it is adjusting the scanning settings or performing batch scanning, you can complete the tasks easily with the user-friendly UI. With the seamless linkage with PaperStream IP, you can perform high quality image processing and batch scanning at the same time.

■ Centralized management of multiple scanners

The bundled "Scanner Central Admin" application allows you to manage multiple scanners together. For example, you can update the scanner settings and drivers, as well as monitor the operating status of each scanner.

■ Post imprinter (Front-side, Back-side) support (Option)

■ Technical Specifications

Description		fi-6800
Supported operating systems		Windows® 10 (32-bit/64-bit), Windows® 8.1/8 (32-bit/64-bit), Windows® 7 (32-bit/64-bit), Windows Vista® (32-bit/64-bit), Windows Server® 2016 (64-bit), Windows Server® 2012 R2 (64-bit), Windows Server® 2012 (64-bit), Windows Server® 2008 R2 (64-bit), Windows Server® 2008 (32-bit/64-bit)
Scanner type		ADF (Automatic Document Feeder) + Manual Feed
Scanning modes		Simplex / Duplex, Color / Grayscale / Monochrome
Image sensor type		Color CCD (Charge-coupled device) x 2 (front x 1, back x 1)
Light source		White LED array ^{*1}
Multifeed detection		Ultrasonic multifeed defection sensor x 3
Document size	Maximum	A3 Portrait (297 x 420 mm or 11.7 x 16.5 in.), Double letter (279.4 x 431.8 mm or 11 x 17 in.)
	Minimum	A8 Portrait (52 x 74 mm or 2 x 3 in.)
	Long page scanning (Maximum) ^{*2}	3,048 mm (120 in.)
Paperweight (Thickness)		Less than A5 size: 0.050 to 0.25 mm (41 to 209 g/m ² , or 11 to 56 lb) A4 to A5 size: 0.025 to 0.25 mm (20 to 209 g/m ² , or 5.4 to 56 lb) Over A4: 0.050 to 0.25 mm (41 to 209 g/m ² , or 11 to 56 lb)
Scanning speed (A4 Landscape) ^{*3}	Color ^{*4}	Simplex: 130 ppm (200/300 dpi), Duplex: 260 ipm (200/300 dpi)
	Grayscale ^{*4}	
	Monochrome ^{*5}	
Scanning speed (A4 Portrait) ^{*3}	Color ^{*4}	Simplex: 100 ppm (200/300 dpi), Duplex: 200 ipm (200/300 dpi)
	Grayscale ^{*4}	
	Monochrome ^{*5}	
Paper chute capacity (A4 Landscape) ^{*6}		500 sheets (A4: 80 g/m ² or 20 lb)
Background colors		White / Black (Selectable)
Optical resolution		600 dpi
Output resolution ^{*7}	Color (24-bit)	50 to 600 dpi (adjustable by 1 dpi increments), 1,200 dpi (driver) ^{*8}
	Grayscale (8-bit)	
	Monochrome (1-bit)	
Output format		Color: 24-bit Grayscale: 8-bit Monochrome: 1-bit
Internal video processing		1,024 levels (10-bit)
Interface ^{*9} / ^{*10}		Ultra Wide SCSI, USB 2.0 / USB 1.1 (Selectable)
Connector shape		Ultra Wide SCSI: Shield type 68 pin (pin type), USB: Type B
SCSI terminator		Built-in
Image processing functions		Multi image output, Automatic color detection, Blank page detection, Dynamic threshold (IDTC), Advanced DTC, SDTC, Error diffusion, De-Screen, Emphasis, Halftone, Dropout color (None / Red / Green / Blue / White / Saturation / Custom), sRGB output, Hole punch removal, Index tab cropping, Split image, De-Skew, Edge correction, Vertical streaks reduction, Cropping, Dither, Static threshold
Power requirements		AC 100 to 240 V ± 10%
Power consumption	Operating:	200 W or less
	Sleep mode:	3.2 W or less
	Auto Standby (OFF) mode:	0.5 W or less
Operating environment		Temperature: 15 to 35 °C (59 to 95 °F) Relative humidity: 20 to 80% (Non-condensing)
Dimensions: Width x Depth x Height ^{*11}		460 x 430 x 310 mm (18.1 x 16.9 x 12.2 in.) Installation space: 860 x 1,630 x 350 mm (33.8 x 64.1 x 13.7 in.)
Weight		32 kg (70 lb)
Included software / drivers		PaperStream IP driver (TWAIN/TWAIN x64/ISIS), 2D Barcode for PaperStream ^{*12} , Software Operation Panel, Error Recovery Guide, PaperStream Capture, Scanner Central Admin Agent
Environmental compliance		ENERGY STAR® and RoHS
Included items		AC cable, USB cable, Setup DVD-ROM

*1 CLASS 1 LED PRODUCT

*2 Capable of scanning documents that exceed A3 size in length. Documents that exceed 431.8 mm (17 in.) are limited to 400 dpi for lengths up to 863 mm (34 in.). Documents between 863 mm and 3,048 mm (120 in.) in length are limited to 300 dpi.

*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 Maximum capacity varies, depending upon paper weight.

*7 Selectable maximum density may vary depending on the length of scanned document.

*8 When scanning at high resolution (over 600 dpi), some limitations apply to the size of the document that could be scanned, depending on system environment.

*9 You cannot use both SCSI and USB 2.0 interfaces at the same time.

*10 You cannot connect multiple computers to the scanner using each type of interface cables at the same time.

*11 Excluding the ADF hopper.

*12 The software can be downloaded from the website designated in the Setup DVD-ROM.

■ Options

Description	Parts number	Comments
Post Imprinter (Front-side) (fi-680PRF)	PA03575-D201	The imprinter option enables users to print information on original documents for document management purposes. While the fi-680PRF (post imprinter) prints information on the front of documents, the fi-680PRB (post imprinter) prints information on the reverse-side of documents after they have been scanned. Although both the fi-680PRF and the fi-680PRB may be attached to the same scanner unit, both imprinters cannot be used simultaneously.
Post Imprinter (Back-side) (fi-680PRB)	PA03575-D203	
VRS option (fi-680CGA)	PA03575-K301	This option works with Kofax VRS to further speed up image processing.

■ Consumables

Description	Parts number	Comments
Pick Roller	PA03575-K011	Lifetime: Every 600,000 sheets or one year. These rollers feed documents into the scanner.
Separator Roller	PA03575-K012	Lifetime: Every 600,000 sheets or one year. These rollers feed documents through the scanner.
Brake Roller	PA03575-K013	Lifetime: Every 600,000 sheets or one year. These rollers separate documents as they are being fed into the scanner.
Print Cartridge	CA00050-0262	Lifetime: 4,000,000 characters fi-680PRF and fi-680PRB print head

■ Trademarks

* ISIS is a registered trademark of EMC Corporation in the United States.

* Microsoft, Windows, Windows Server and Windows Vista are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.

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Visit the fi Series web site for ordering and purchasing information

<http://imagescanner.fujitsu.com/>

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