

# Datasheet

## FUJITSU Image Scanner fi-6800

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



The fi-6800 scans A4 landscape documents at high speeds of 130 ppm/260 ipm (200/300 dpi). It is capable of scanning up to A3 sized portrait documents and can load up to 500 sheets at a time.

### Increased productivity with boosted usability

Easily and comfortably scan, even while sitting down in your office, thanks to fi-6800's low profile design and extremely silent running. Keep track of scanner operations such as document scanning settings, number of sheets scanned, as well as any existing error statuses, using the LCD operation panels. Load documents with ease and reduce your workload before and after scanning, with the scanner's independent side guides helping you align edges of variously sized documents. Maintenance and cleaning is also easier than ever with the scanner's wide flip-up cover.

### Hassle-free operation with excellent scanning mechanisms

The fi-6800 possesses stable paper feeding mechanisms such as the Paper Protection function minimizing the risk of document damage, the Stacking Control function controlling paper output speed, and the Elevator Stacker ensuring all scanned documents are neatly stacked.

### Environment-friendly compact design

Utilizing a high quality lens and extra-bright LED light source, enclosed in a heavy-duty resin frame constructed with minimal and lightweight raw materials, the fi-6800's compact design makes it the smallest in its class\*. This enables low power consumption of less than 3.2 W (when in sleep mode) and a short recovery time of less than 6 seconds.

### Advanced software for enhanced efficiency

The PaperStream IP scanner driver, supporting both TWAIN and ISIS, enables you to bypass the inconvenience of making fine adjustments to OCR settings. The software automatically converts scanned images into exceptionally clean images, supporting OCR accuracy even when scanning documents with background patterns or wrinkled and soiled documents. Seamlessly linked to PaperStream IP, PaperStream Capture effectively and efficiently feeds information into your organization workflow with its various batch scanning capture features. With its automatic utilization of data extracted from barcodes and patch codes, the software also determines your preferred saving destinations and eliminates time allocated to routine tasks.

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

## Technical Information

Scanner Type	ADF (Automatic Document Feeder) / Manual Feed, Duplex
Scanning Speed* <sup>1</sup> (A4 Landscape) (Color* <sup>2</sup> /Grayscale* <sup>2</sup> /Monochrome* <sup>3</sup> )	Simplex: 130 ppm (200/300 dpi) Duplex: 260 ipm (200/300 dpi)
Scanning Speed* <sup>1</sup> (A4 Portrait) (Color* <sup>2</sup> /Grayscale* <sup>2</sup> /Monochrome* <sup>3</sup> )	Simplex: 100 ppm (200/300 dpi) Duplex: 200 ipm (200/300 dpi)
Image Sensor Type	Color CCD x 2 (front x 1, back x 1)
Light Source	White LED Array x 4 (front x 2, back x 2)* <sup>4</sup>
Optical Resolution	600 dpi
Output Resolution* <sup>5</sup> (Color / Grayscale / Monochrome)	50 to 600 dpi (adjustable by 1 dpi increments) 1,200 dpi (driver)* <sup>6</sup>
Output Format	Color: 24-bit, Grayscale: 8-bit, Monochrome: 1-bit
Background Colors	White / Black (selectable)
Document Size	
Maximum	304.8 x 431.8 mm (12 x 17 in.)
Minimum	52 x 74 mm (2 x 3 in.)
Long Page Scanning* <sup>7</sup>	3,048 mm (120 in.)
Paper Weight (Thickness)	
Less than A5 Size	0.050 to 0.25 mm (41 to 209 g/m <sup>2</sup> , or 11 to 56 lb)
A4 to A5 Size	0.025 to 0.25 mm (20 to 209 g/m <sup>2</sup> , or 5.4 to 56 lb)
Over A4 Size	0.050 to 0.25 mm (41 to 209 g/m <sup>2</sup> , or 11 to 56 lb)
Paper Chute Capacity* <sup>8</sup> (A4 Landscape)	500 sheets (A4 80 g/m <sup>2</sup> or Letter 20 lb)
Typical Daily Duty Cycle* <sup>9</sup>	60,000 sheets
Multifeed Detection	Overlap detection (Ultrasonic sensor), Length detection
Paper Protection	Warp detection
Interface* <sup>10</sup> * <sup>11</sup>	Ultra SCSI, USB 2.0 / USB 1.1
Power Requirements	AC 100 to 240 V ± 10%
Power Consumption	
Operating Mode	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)
Environmental Compliance	ENERGY STAR®, RoHS
Dimensions* <sup>12</sup> (Width x Depth x Height)	460 x 430 x 310 mm (18.1 x 16.9 x 12.2 in.)
Weight	32 kg (70 lb)
Supported Operating System	Windows® 10 (32-bit/64-bit), Windows® 8.1 (32-bit/64-bit), Windows® 7 (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)
Included Software / Drivers	PaperStream IP driver (TWAIN/TWAIN x64/ISIS), PaperStream Capture, 2D Barcode for PaperStream* <sup>13</sup> , Software Operation Panel, Error Recovery Guide, Scanner Central Admin
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
Included Items	AC cable, USB cable, Setup DVD-ROM

## Options

Post Imprinter (FI-680PRF)	PA03575-D201	Front-side printing on document
Post Imprinter (FI-680PRB)	PA03575-D203	Back-side printing on document
PaperStream Capture Pro Scan Station (MV)	PA43404-A695	PaperStream Capture Pro optional license

## Consumables

Pick Roller	PA03575-K011	Every 600,000 sheets or one year
Separator Roller	PA03575-K012	Every 600,000 sheets or one year
Brake Roller	PA03575-K013	Every 600,000 sheets or one year
Print Cartridge	CA00050-0262	4,000,000 printed characters or 6 months after opening the bag

\*1 Actual scanning speeds are affected by data transmission and software processing times.

\*2 Indicated speeds are from using JPEG compression.

\*3 Indicated speeds are from using TIFF CCITT Group 4 compression.

\*4 CLASS 1 LED PRODUCT.

\*5 Selectable maximum density may vary depending on the length of the scanned document.

\*6 Some limitations may apply to the size of documents that can be scanned, depending on system environment, when scanning at high resolution (over 600 dpi).

\*7 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.

\*8 Maximum capacity depends on paper weight and may vary.

\*9 When operating 8 hours a day.

\*10 SCSI and USB 2.0 interfaces cannot be used simultaneously.

\*11 Incapable of simultaneously connecting individual interface cables to multiple computers.

\*12 Excludes the ADF hopper.

\*13 Software can be downloaded from the website designated in the Setup DVD-ROM.

## Trademarks

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## Safety Precautions

Be sure to carefully read all safety precautions prior to using this product and use this device as instructed. Do not place this device in wet, moist, steamy, dusty or oily areas. Using this product under such conditions may result in electrical shock, fire or damage to this product. Be sure to limit the use of this product to listed power ratings.

## ENERGY STAR®

PFU Limited, a Fujitsu company, has determined that this product meets the ENERGY STAR® guidelines for energy efficiency. ENERGY STAR® is a registered trademark of the United States.

Specifications are subject to change without notice. Visit the fi Series website for more information. <http://imagescanner.fujitsu.com/>