

# Datasheet

## FUJITSU Image Scanner fi-5950

The fi Series flagship model facilitates efficient business performance with ultra-fast CCD and image processing technologies



The fi-5950 scans A4 landscape documents at ultra-fast speeds of 135 ppm/270 ipm\* (200/300 dpi). It is capable of scanning A3 portrait sized documents and can load up to 500 sheets at a time.

### Boosted productivity through various mechanisms

The fi-5950, the fastest scanner in the fi Series, is equipped with Ultra-fast CCD and image processing technologies. Load your documents with utmost ease, even when document sizes vary, with the scanner's independent side guides. Take scanned documents out without any hassle using the Elevator Stacker function that adjusts stacker position so that scanned documents pile up neatly.

### Easy to use with reliable image quality

The PaperStream IP scanner driver, supporting both TWAIN and ISIS, enables users 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. Equipped with distinct intelligent functions, such as Auto Size Detection, Automatic Color Detection, and Blank Page Detection, it makes scanning processes convenient by reducing repetitive and time-consuming tasks before and after scanning.

### Advanced software for enhanced efficiency

As software dedicated to batch scanning, PaperStream Capture effectively and efficiently feeds information into your organization workflow. Operation is easy and does not require any special training with its simple and user-friendly UI. 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.

### Form management and document tracking support with pre and post imprinter

Two imprinter options are available for the fi-5950: the Pre Imprinter which prints information on the front side of documents prior to scanning and the Post Imprinter which prints information on the reverse side of documents after they have been scanned.

\* Scanning speeds may vary due to the system environment used.

## 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: 135 ppm (200/300 dpi)* <sup>4</sup> Duplex: 270 ipm (200/300 dpi)* <sup>4</sup>
Scanning Speed* <sup>1</sup> (A4 Portrait) (Color* <sup>2</sup> /Grayscale* <sup>2</sup> /Monochrome* <sup>3</sup> )	Simplex: 105 ppm (200/300 dpi) Duplex: 210 ipm (200/300 dpi)
Image Sensor Type	Color CCD x 2 (front x 1, back x 1)
Light Source	White cold cathode discharge lamp x 4 (front x 2, back x 2)
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 A4 / Letter Size	0.04 to 0.25 mm (31 to 209 g/m <sup>2</sup> , or 8.3 to 56 lb)
Over A4 / Letter Size	0.064 to 0.19 mm (52 to 157 g/m <sup>2</sup> , or 14 to 42 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>	100,000 sheets
Multifeed Detection	Overlap detection (Ultrasonic sensor), Length detection
Interface* <sup>10</sup>	Ultra SCSI, USB 2.0 / USB 1.1
Power Requirements	AC 100 to 240 V ± 10%
Power Consumption	
Operating Mode	250 W or less
Sleep Mode	3.2 W or less
Auto Standby (Off) Mode	0.5 W or less

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

\*<sup>2</sup> Indicated speeds are from using JPEG compression.

\*<sup>3</sup> Indicated speeds are from using TIFF CCITT Group 4 compression.

\*<sup>4</sup> System requirements (recommended) CPU: Intel® Core™ i5 2.5GHz or higher, Memory: 4GB or higher, HDD: 7,200rpm, Interface: USB3.0/2.0.

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

\*<sup>6</sup> 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).

\*<sup>7</sup> 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 200 dpi.

\*<sup>8</sup> Maximum capacity depends on paper weight and may vary.

\*<sup>9</sup> When operating 24 hours a day.

\*<sup>10</sup> Ultra Wide SCSI interface and USB 2.0 cannot be used simultaneously.

\*<sup>11</sup> Excludes the ADF hopper and stacker.

\*<sup>12</sup> 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/>

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>11</sup> (Width x Depth x Height)	540 x 540 x 500 mm (21.3 x 21.3 x 19.7 in.)
Weight	50 kg (110 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>12</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	Document smoother, AC cable, USB cable, Setup DVD-ROM, Operator panel overlay

## Options

Pre Imprinter (FI-590PRF)	PA03450-D700	Front-side printing on document
Post Imprinter (FI-590PRB)	PA03450-D710	Back-side printing on document
PaperStream Capture Pro Scan Station (MV)	PA43404-A695	PaperStream Capture Pro optional license

## Consumables

Pick Roller	PA03450-K011	Every 600,000 sheets or one year
Separator Roller	PA03450-K012	Every 600,000 sheets or one year
Brake Roller	PA03450-K013	Every 600,000 sheets or one year
Pad	PA03450-K014	Every 600,000 sheets or one year
Print Cartridge	CA00050-0262	4,000,000 printed characters or 6 months after opening the bag