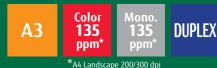# FUJITSU Image Scanner
fi-5950

The fi Series flagship model breaks new ground in scanning performance with ultra-fast CCD and image processing technologies

A3 | Color 135 ppm* | Mono. 135 ppm* | DUPLEX

●High speed 135 ppm (270 ipm) scanning
●Reliable document feeding mechanism
●Comes loaded with PaperStream IP
●Labor-saving"Intelligent"functions
●Bundled software optimizes productivity
●Pre and Post imprinters support (Option)
●Color graphic adapter (CGA) board (Option)

■fi-5950 Features

■Ultra-fast 135 ppm/270 ipm* scanning speed with high quality image processing

The fi-5950 is the fastest scanner in its class, delivering an incredible 135 ppm/270 ipm for A4 size documents (landscape, 200/300 dpi). Ultra-fast CCD and image processing technologies give this production scanner a high volume throughput of approximately 100,000 sheets per day (operating at full capacity for 24 hours).

* 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

■Reliable document feeding mechanism guards against document damage and misfeeds

The fi-5950 inherits the highly reliable feeding mechanism of its predecessor. That includes established fi Series features like Paper Protection and Multifeed Detection which tackle potential feed problems to ensure maximum scanner uptime.

■Labor-saving "Intelligent" functions

The fi-5950 comes loaded with "Intelligent" functions that significantly reduce the workload of the user before and after scanning.

●Automatic Paper Size Detection/ Auto Color Detection/ Blank Page Removal*
Scan a batch of documents of various sizes and types into optimized images without having to sort them beforehand thanks to these and other advanced functions.
* The ISIS driver does not support this feature

●Intelligent Multifeed
The Intelligent Multifeed function instructs the scanner to suspend multifeed detection for layered documents that meet specific conditions. This means stress free scanning for users who frequently handle documents with attached materials such as photos and memos.

■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.

■Pre and post imprinters support (Option)

Imprinters are invaluable for forms management and document tracking purposes. Two imprinter options are available for the fi-5950: the Pre Imprinter which prints information on 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. Using these imprinters with the fi-5950 is sure raise document administration efficiency at the office to new levels.

■Technical Specifications

Description		fi-5950
Supported operating systems		Windows® 8 (32-bit/64-bit), Windows® 7 (32-bit/64-bit), Windows Vista® (32-bit/64-bit), Windows® XP (32-bit/64-bit), Windows Server® 2012, Windows Server® 2008 (32-bit/64-bit), Windows Server® 2003 (32-bit/64-bit)*1
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 cold cathode discharge lamp x 4 (front x 2, back x 2)
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.) (long page scanning: 3,048 mm (120 in.)) Minimum: A8 Portrait (52 x 74 mm or 2 x 3 in.)
Paper weight (Thickness)		A4/Letter size or Smaller: 0.04 to 0.25 mm (31 to 209 g/m², or 8.3 to 56 lb) Over A4/Letter size: 0.064 to 0.19 mm (52 to 157 g/m², or 14 to 42 lb)
Scanning speed (A4 Landscape)*2	Color*3	Simplex: 135 ppm (200/300 dpi), Duplex: 270 ipm (200/300 dpi)
	Grayscale*3	
	Monochrome	
Scanning speed (A4 Portrait)*2	Color*3	Simplex: 105 ppm (200/300 dpi), Duplex: 210 ipm (200/300 dpi)
	Grayscale*3	
	Monochrome	
Paper chute capacity (A4 Landscape)*4		500 sheets (A4: 80 g/m² or 20 lb)
Expected daily volume		60,000 to 100,000 sheets/day
Background colors		White / Black (Selectable)
Optical resolution		600 dpi
Output resolution*5	Color (24-bit)	50 to 600 dpi (adjustable by 1 dpi increments), 1,200 dpi (driver)*6
	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*7		Ultra Wide SCSI, USB2.0/USB1.1(Selectable)
Connector shape		Ultra Wide SCSI: Shield type 68 pin (pin type), USB: B type
SCSI Terminator		Built-in
Image processing functions		Auto color detection, Automatic page size detection, De-Skew, Automatic Orientation, Upper lower separation, Multi-image, Blank page skip, Error diffusion, Dither, Dropout color (R, G, B, None, White, Specified, Saturation), Image emphasis, Simplified DTC, Advanced DTC, iDTC, sRGB
Power requirements		AC 100 to 240 V ± 10%
Power consumption		Operating: 250 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 ℃ (59 to 95 °F) Relative humidity: 20 to 80 % (Non-condensing)
Dimensions: Width x Depth x Height*8		540 x 540 x 500 mm (21.3 x 21.3 x 19.7 in.) Installation space: 940 x 1,740 x 500 mm (37.0 x 68.5 x 19.7 in.)
Weight		50 kg (110 lb)
Included software / drivers		PaperStream IP (TWAIN) driver, PaperStream IP (ISIS) driver, 2D Barcode for PaperStream, Software Operation Panel, Error Recovery Guide, PaperStream Capture, Scanner Central Admin Agent
Environmental compliance		ENERGY STAR® and RoHS
Others	Multifeed detection	Yes (Standard) ultrasonic multifeed defection sensor x 3
	Long page scanning*9	3,048 mm (120 in.)
Included items		Document smoother, AC cable, USB cable, Setup DVD-ROM, 2D Barcode for PaperStream Setup CD-ROM, Operator panel overlay, fi-5950 Convenient Operation, Cleaning Guide

*1 PaperStream IP, PaperStream Capture do not support the following OS.
*2 Actual scanning speeds are affected by data transmission and software processing times.
*3 JPEG compressed figures.
*4 Maximum capacity varies, depending upon paper weight.
*5 Maximum output resolutions may vary, depending upon the size of the area being scanned and whether the scanner is scanning in simplex or duplex.
*6 Scanning limitations brought about by scanning mode, document size and available memory may occur when scanning at high resolutions (600 dpi or higher).
*7 Ultra Wide SCSI interface cannot be used simultaneously with USB2.0.
*8 Excluding the ADF hopper and stacker.
*9 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.

■Options

Description	Parts number	Comments
Pre Imprinter (fi-590PRF)	PA03450-D700	The imprinter option enables users to print information on original documents for document management purposes. While the fi-590PRF (pre-imprinter) prints information on the front of documents prior to scanning, the fi-590PRB (post-imprinter) prints information on the reverse-side of documents after they have been scanned. Although both the fi-590PRF and the fi-590PRB may be attached to the same scanner unit, both imprinters cannot be used simultaneously.
Post Imprinter (fi-590PRB)	PA03450-D710	
VRS option (fi-595CGA)	PA03450-K171	This option works with Kofax VRS to further speed up image processing.

■Consumables

Description	Parts number	Comments
Pick Roller	PA03450-K011	Lifetime: Every 600,000 sheets or one year These rollers feed documents into the scanner.
Separator Roller	PA03450-K012	Lifetime: Every 600,000 sheets or one year These rollers feed documents through the scanner.
Brake Roller	PA03450-K013	Lifetime: Every 600,000 sheets or one year These rollers separate documents as they are being fed into the scanner.
Pad	PA03450-K014	Lifetime: Every 600,000 sheets or one year These rubber parts separate documents.
Print Cartridge	CA00050-0262	Lifetime: 4,000,000 printed characters fi-590PRF and fi-590PRB print head

■Trademarks

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* 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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⚠ 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.

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