FUJITSU

shaping tomorrow with you

FUJITSU Image Scanners fi-7600 & fi-7700

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Introduction

Double Letter

FUJITSU Image Scanner fi-7600

FUJITSU Image Scanner fi-7700

	fi-7600	fi-7700
Scanning Mode	Duplex	Duplex & Flatbed
Scanning speed*1	100 ppm / 200 ipm	100 ppm / 200 ipm
Paper capacity (Letter)	300 sheets	300 sheets
Part Number	PA03740-B505	PA03740-B005
Price	$5,995	$7,995

*1 Letter landscape, color, 200/300 dpi

Trade Compliant: COO, Singapore

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Main features

1 Outstanding Feeding

- Increased capacity, straight paper path, and faster speeds increase ROI
- Feeds thick and thin paper all in one stack
- Paper straightening, new side guides, and auto-stacking reduce paper handling times

2 Superb Image Quality

- PaperStream IP with Assisted Scan simply cleans difficult documents
- New high-color CCDs and bright LEDs capture excellent color
- PaperStream Capture and PaperStream Capture Pro image profiles display on the scanner's LCD for easy access

3 Fujitsu Reliability

- High Duty Cycles to cover peaks in scanning volume
- Low Failure Rates means more throughput and less downtime

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Key New Features

100 ppm /200 ipm scanning
High Speed Scanning

300 Sheet Paper chute
Add Papers while scanning

Manual Feed Mode
Flip a switch to scan thick envelopes

Fast Start Scan Times
Start Scanning immediately

Skew Reducer
Physically rotates documents

Backlit LCD
Batch scanning control from the scanner

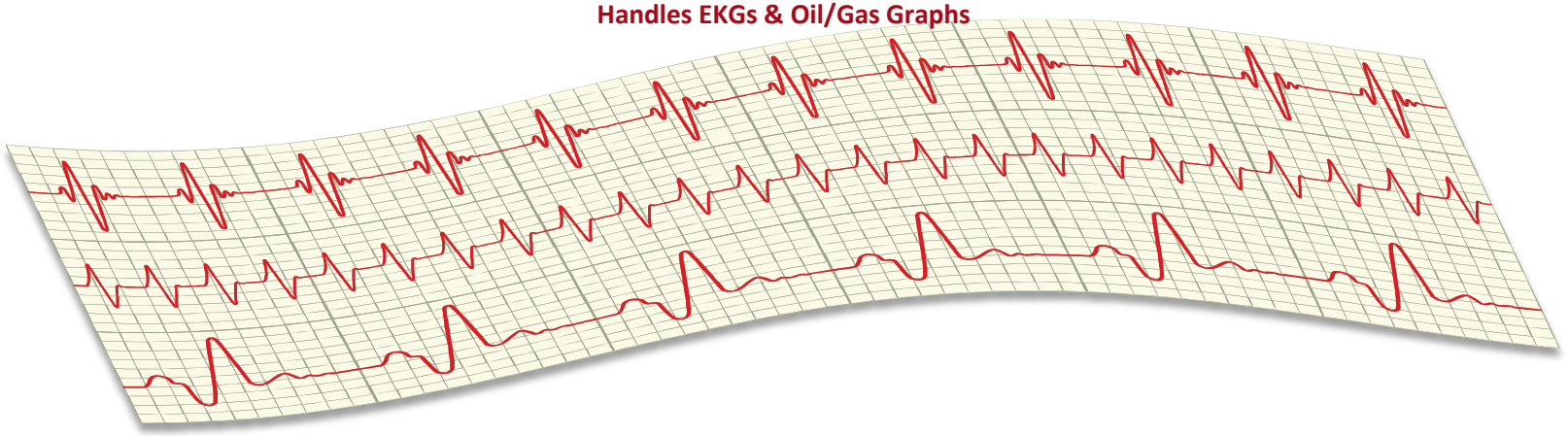
Stacker Side Guides
Efficient Paper Collection

Independent Pick Rollers
Makes mixed batch scanning easier

Acoustic Jam Detection
Protection for important documents

Batch Tray
Next batch close at hand

200M Scanning
Handles EKGs & Oil/Gas Graphs



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Performance

High-speed scanning of 100 ppm / 200 ipm[*1].

Scanner	Model	fi-7600/fi-7700	
Scanning mode	Resolution	Landscape	Portrait
Color / Gray / B&W	200dpi	**100ppm / 200ipm**	80ppm / 160ipm
	300dpi		
	400dpi	**47ppm / 94ipm**	35ppm / 70ipm
	600dpi	**30ppm / 60ipm[*2]**	22ppm / 44ipm

Color, Black & White, Grayscale

Improved speeds, increased capacity, and double daily duty cycle.

*1 Letter landscape, color, 200/300 dpi
*2 When auto size detection function is off

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Professional Centralized, Back-office Scanning

FUJITSU

Improve efficiency of paper capture dense paper collection areas.

High duty cycle and durable

Various types of documents

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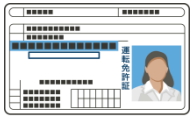
High Volume Chute

The straight paper path and new feed path allows for a wider range of document types.

Straight path

5.3 to 110 lb.

Add Paper while scanning.



Plastic cards

300 sheets

* Letter, 20 lb

Fujitsu reliability minimizes rescanning, and high volume capacity eliminates necessity of frequent reload of papers.

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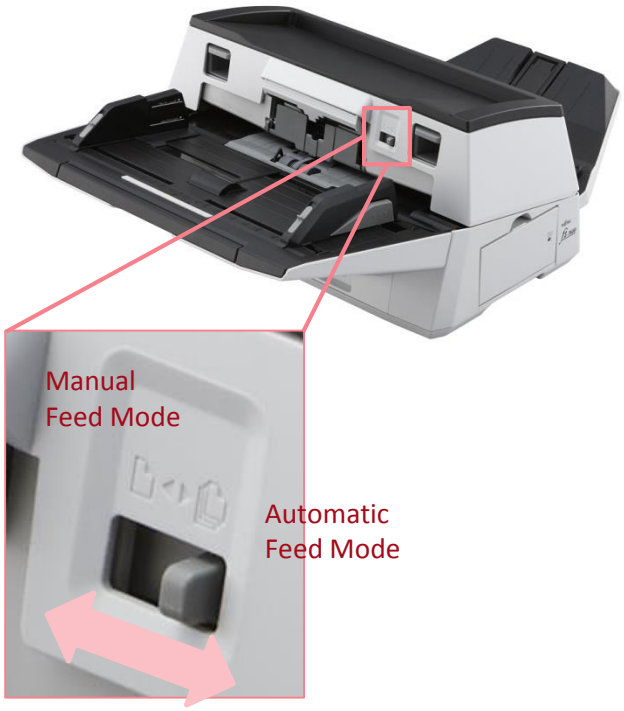
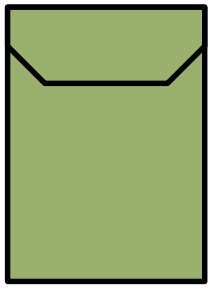
Manual Feed Mode

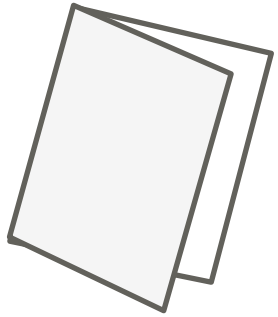
Scan folded documents and envelopes with a flip of a switch.



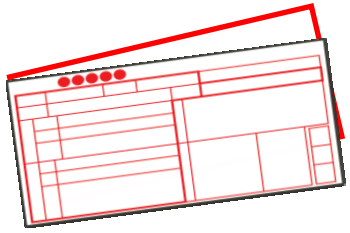
Envelopes



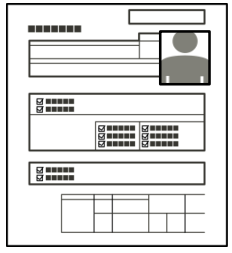
Folded documents



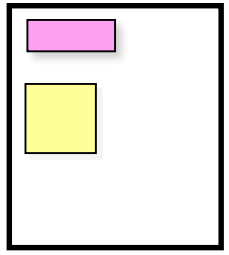
Carbonless Copy Paper



Documents with attachments



(Photos)



(Stickies)

The Manual Feed Mode automatically turns off the ultrasonic sensors for fast throughput.

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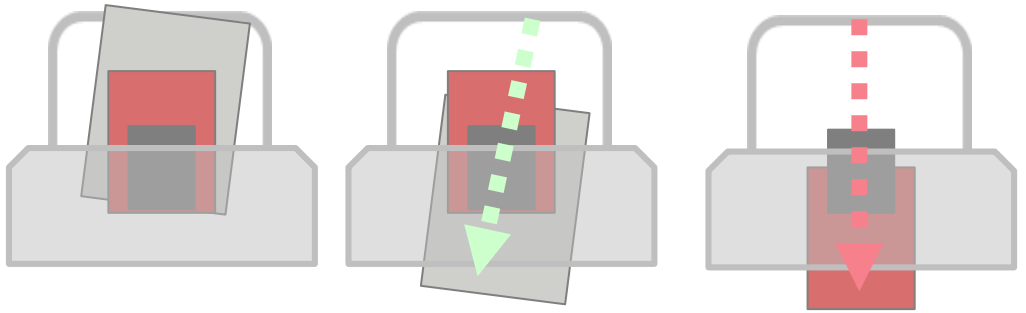
Automatic Skew Reduction

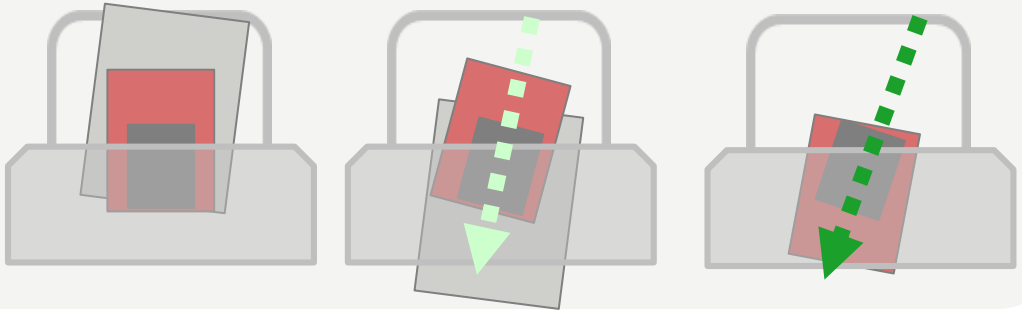
The Automatic Skew Reduction not only protects documents but also protects against lost data.

Pick rollers work independently

- Pick rollers work independently, ensuring a skewed page does not affect the papers that follow.



- Without Skew Reduction, the skewed document skew the next document in the batch.



Automatic Skew Reducer allows for improved feeding of mixed batches, especially when the paper does not touch the side guides.

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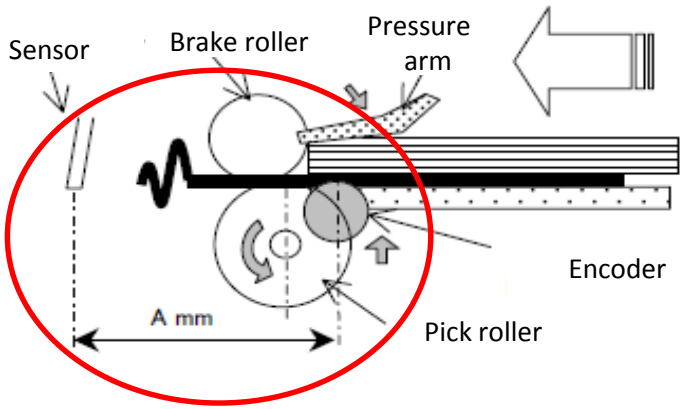
Paper Protection reduces jam damage to important papers.

Distance Detection

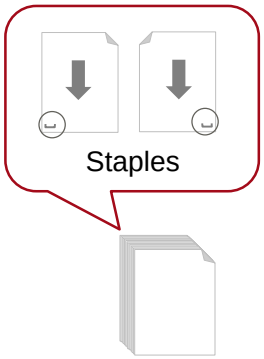
Detects jam by monitoring paper travel



Stops if paper doesn't reach the sensor!

Acoustic Jam Detection

Detects jam by monitoring sounds



Missed staples and paper clips

Difficult document preparation

Catch stapled documents fast!

Builds trust in feeding for greater throughput.

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ADF Swivel

Insert documents from either the left or right side of the scanner.

- **Rotate the ADF by 180 degrees.**

- **Slide the ADF left or right.**

Fit the scanner to the environment for optimal operation.

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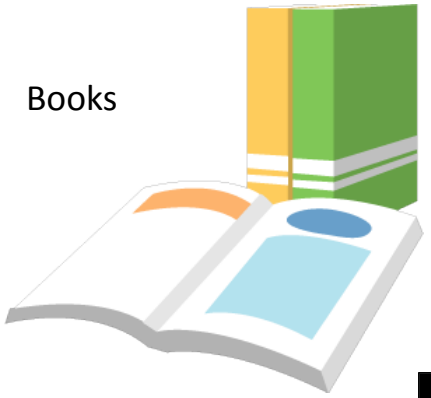
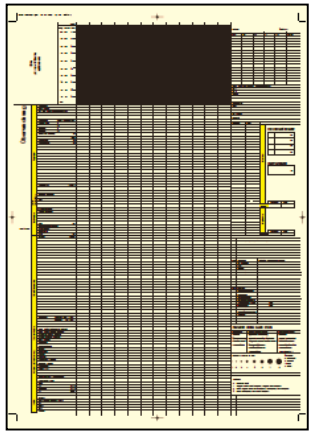
Open Cover Cropping

Scan with the cover up, increasing flatbed throughput.

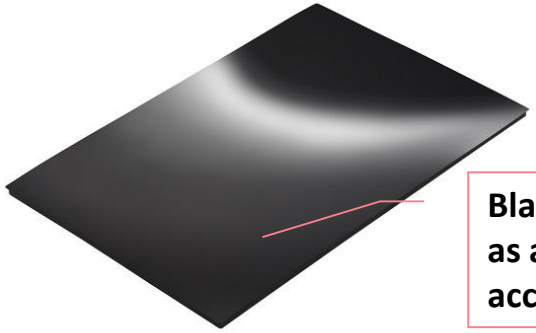
Books





Old documents

Leave the cover up as periodical pages are turned.



Damaged documents

Black background is available as an option for more cropping accuracy.

Scan consecutive documents without opening and closing the cover, cutting flatbed scan times by over 60%.

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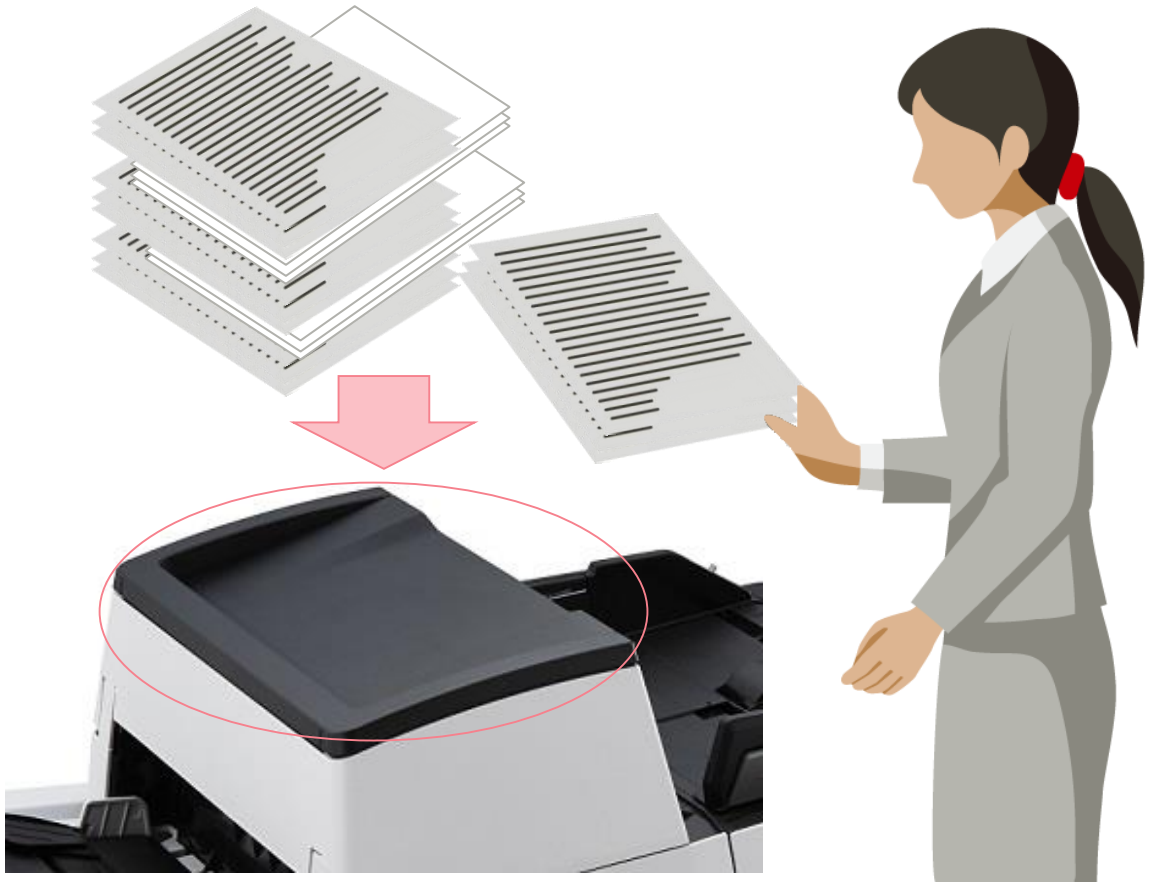
Batch Tray

Place the next batch on top of the scanner for space savings and quick access.



Users can scan multiple batches faster in less space.

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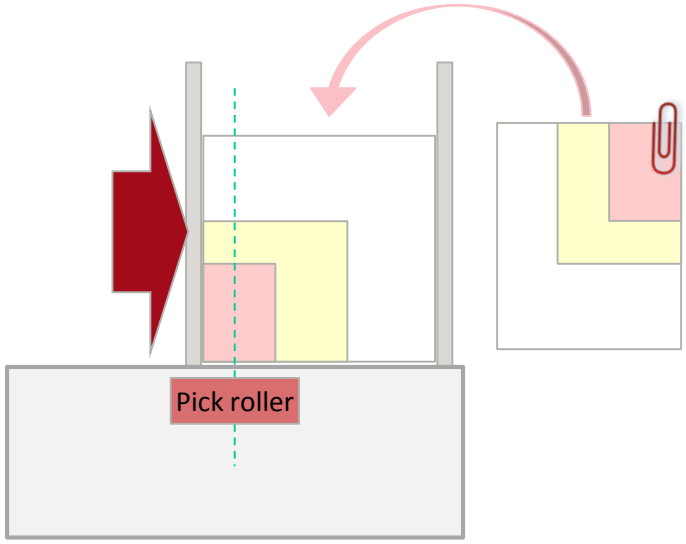
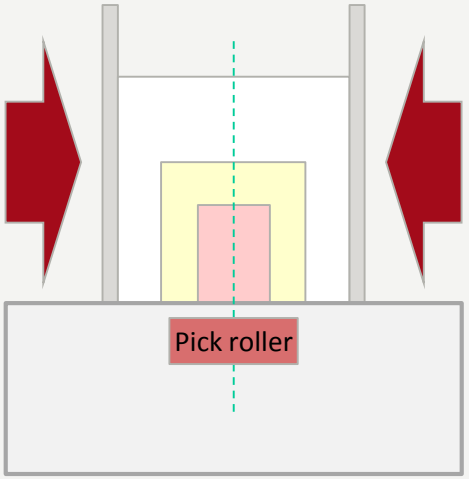
Individual Side Guides

Each Side Guide moves individually to make it easier to set mixed size documents.

With individual Side Guides, small documents can be easily justified to one side or the other, making document preparation easier.



Batch preparation is more difficult for center justification. Movable guides also allow for operators to place paper to avoid hole punch sensor errors.



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Flexible Stacker

Adjust the stacker to fit the batch for faster document retrieval.

■Low position for normal paper

■High position for thin paper

■Stacker Side Guides move independently

No hassle to align ejected documents.

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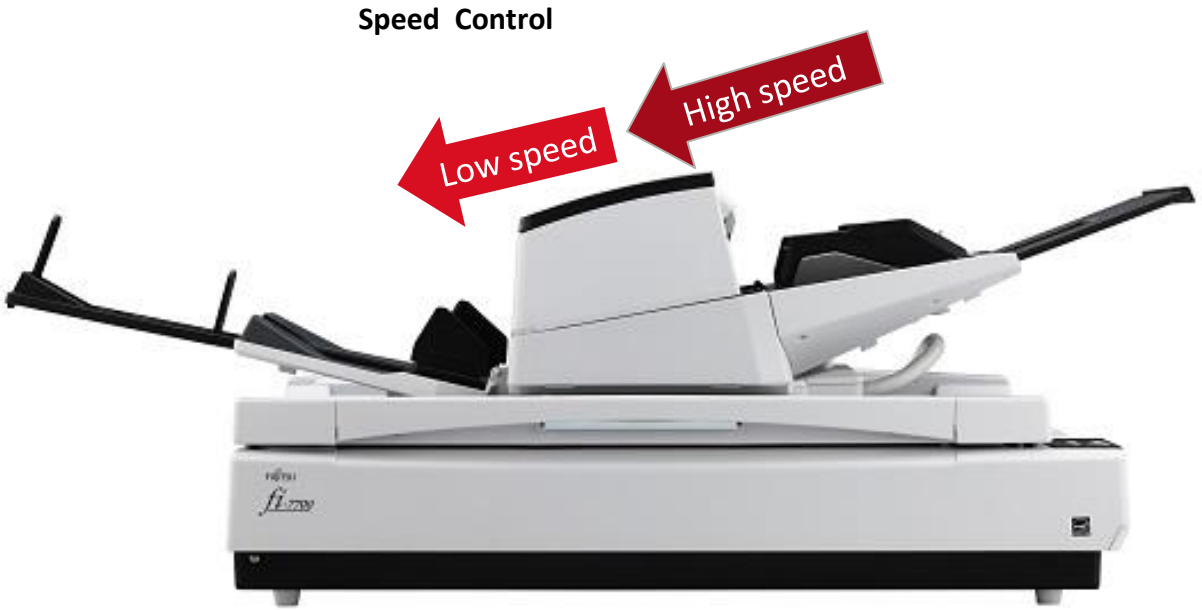
Automatic Stacking

The Automatic Stacker controls the speed of the paper being ejected, keeping documents aligned after scanning.



* Scanning speeds may decline, depending on the PC.

Well-aligned stacks of paper make operators more efficient, reducing the cost of scanning.

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Easy maintenance

Fast access to all rollers, glass, and consumables.

Easy cleaning and maintenance

No hard to reach areas like many U-shaped scanners.

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Backlit LCD Panel

Operational panel gives hardware control of PaperStream Capture and provides important batch information.

- Counts scanned pages for batch confirmation
- Software profile selection and one button scanning
- Easy to read text on the backlit panel

fi-7700

fi-7600

Menu
1. Pick Speed
2. Cleaning
3. Test Print
4. Consumable Counters
5. Language
6. LCD Contrast
7. Backlight Lighting Time
8. Check LED Blink Speed
9. LCD Scroll Speed
10. Low-speed Feed Mode
11. Stacking Control
12. Doc Counting Mode

Operators can complete batch scanning without touching the PC.

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Energy Savings

Half the power consumption of the previous generation.

	fi-7600/7700	Previous models fi-6670/fi-6770
Scanning	64 W	130 W
Sleeping	1.7 W	3.0 W
Off	0.35 W	0.5 W

Less power saves money and helps the environment.

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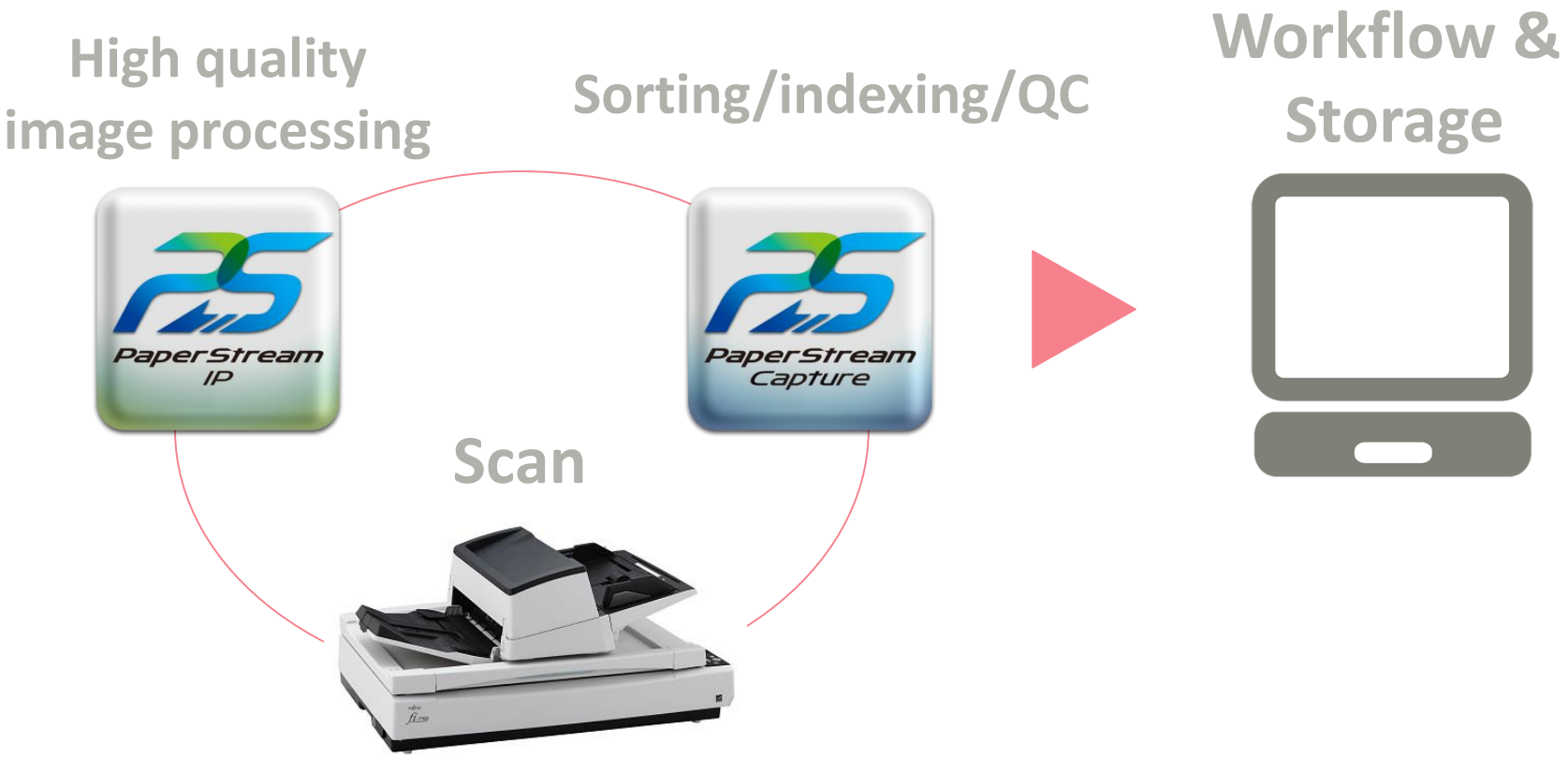
Software

PaperStream IP, PaperStream Capture, PaperSream Capture Pro, and Scanner Central Admin provide a complete scanning solution for any amount or any type of paper workflow.



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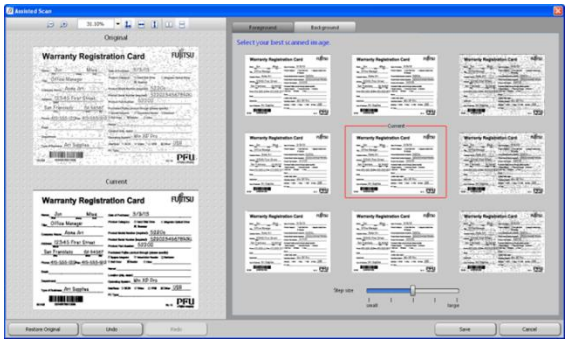
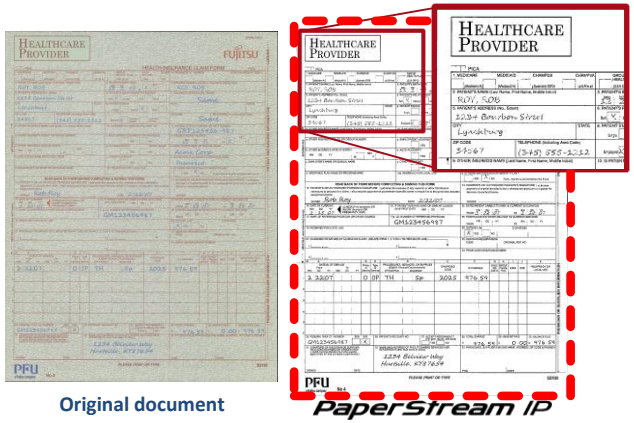
PaperStream IP cleans tough images with no setting changes.

Assisted Scan



- Auto-Crop
- Auto-Deskew
- Auto-Orientation
- Blank Page Detection
- Assisted Scan

Dynamic Threshold



Original document

- Color Cleanup
- Dynamic Threshold
- Edge Correction
- Hole Punch Removal

Specific document profiles can be set up in minutes using Assisted Scan.

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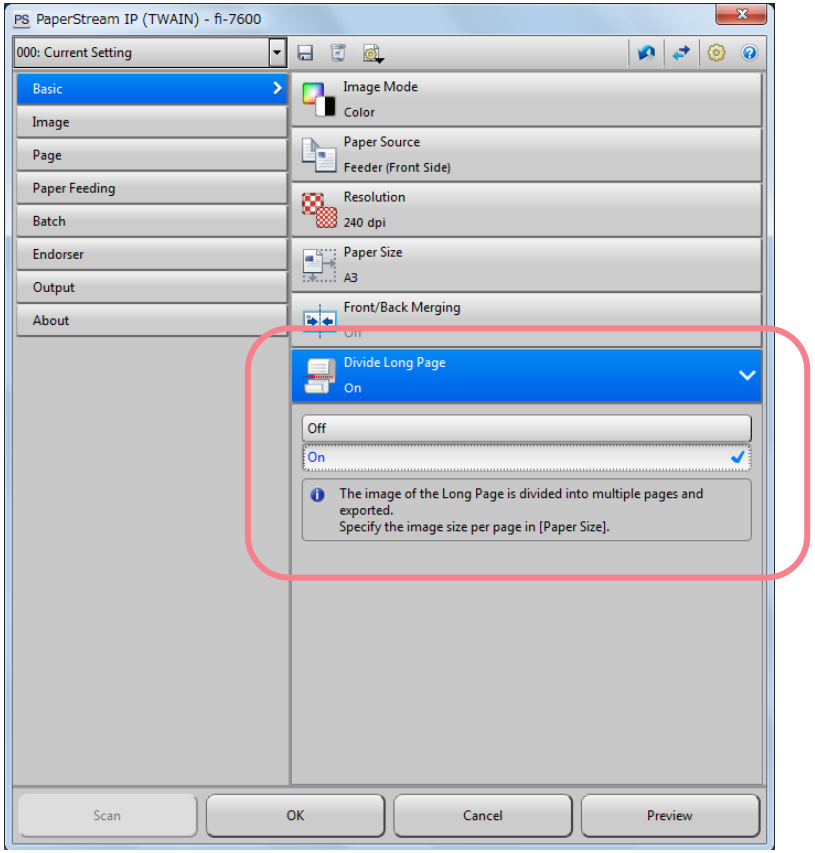
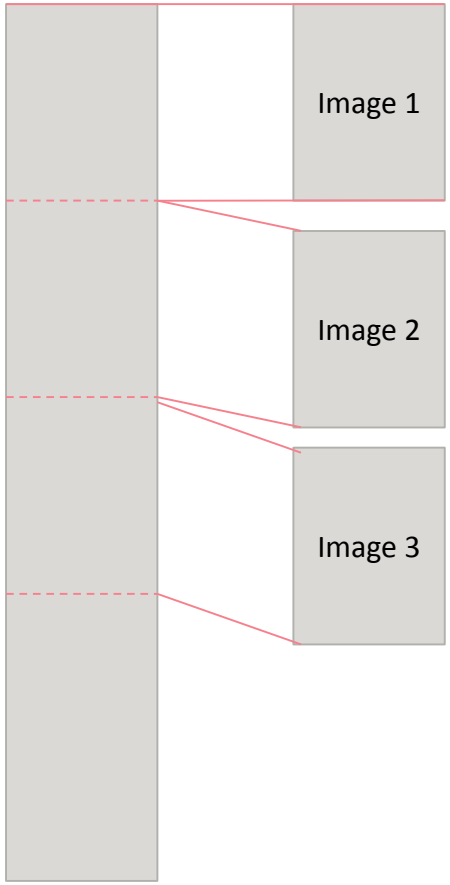
PaperStream IP – Ultra Long Page

Divide Long Page function handles documents up to 200 meters long, splitting them to preset sizes (12” to 34”).





Useful for EKGs, Oil and Gas graphs, and other ultra long documents.

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PaperStream IP Barcode Recognition

With PaperStream Capture, use barcodes for advanced separation and file naming.

- **Supported 2D barcodes**

PDF417	QR Code	Data Matrix	Aztec Code

- **Supported 1D barcodes**

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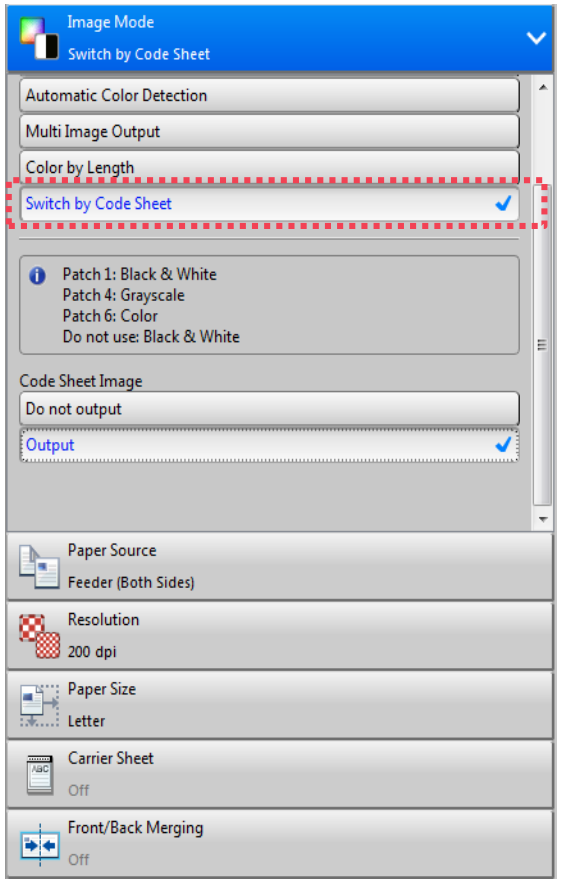
PaperStream IP – Color Switch by Patch Code

Guaranteed color depth change by inserting different patch codes



Patch1
- switches the image type to [Black & White] after scanning this code sheet

Patch4
- switches the image type to [Grayscale] after scanning this code sheet

Patch6
- switches the image type to [Color] after scanning this code sheet

Capture blue and gray toned pictures in color without adjusting detection settings or adding color stickers.

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PaperStream IP - Advanced Image processing functions

Minimizes post-scanning operations in order to output optimized scan results.

Auto color detection
Automatically identifies the best color mode for the document

Color Grayscale B&W

Auto de-skew
Automatically corrects skewed images

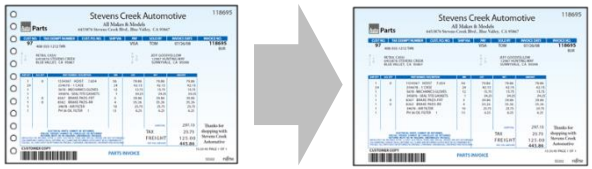
Multi-color output
Creates color/ grayscale/ B&W images at the same time

Original document

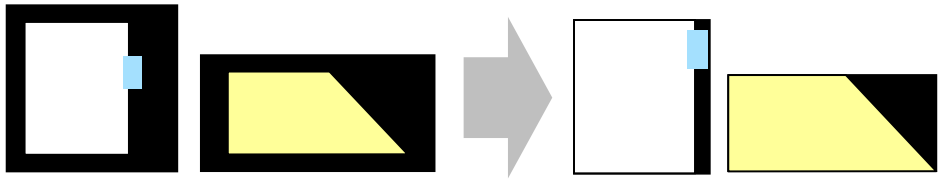
e.g) For archive

e.g) For OCR processing

Hole punch removal
Removes circular or triangular punched holes on a digital image



Tab-attached or trapezoid-shaped document cropping
Captures light-colored tabs and crops trapezoid-shaped documents



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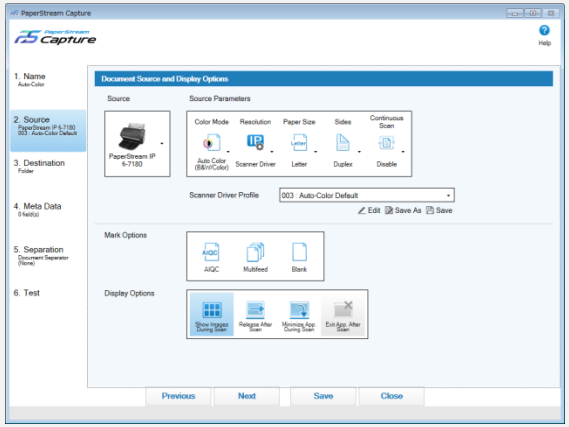
PaperStream Capture - enhanced batch scanning

PaperStream Capture is easy to configure and even easier to use with flexible controls to match your workflows.

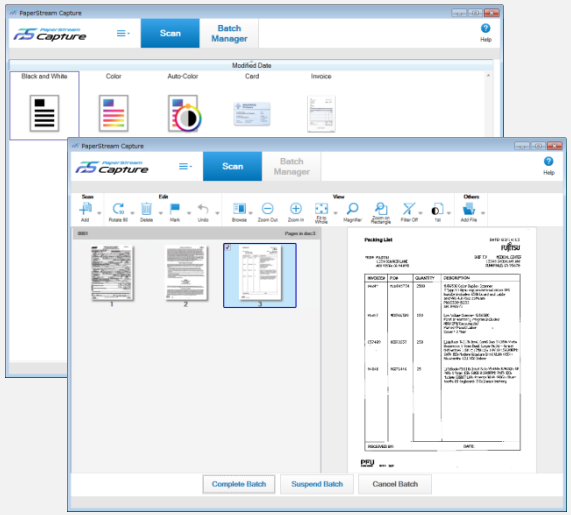
- Profiles tie directly to the scanner's front panel, allowing for single button scanning.

Administrator: Settings



Create profiles easily with the settings wizard.

Operator: Scan



With the user friendly UI, training time is reduced and processing efficiency is improved.

Indexing & Sorting

Sort documents with:

- 1D Barcodes
- 2D Barcodes
- Patch codes

Index, separate and release documents automatically.

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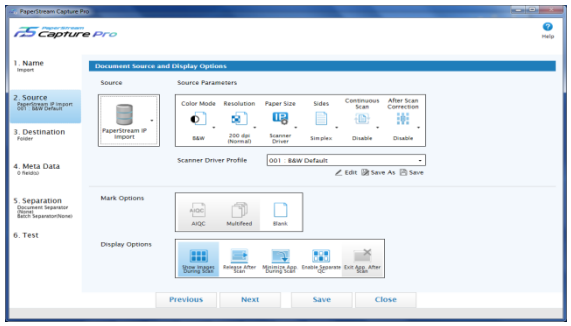
PaperStream Capture Pro – Advanced Batch Scanning

PaperStream Capture Pro is a simple, yet powerful front-end capture option.

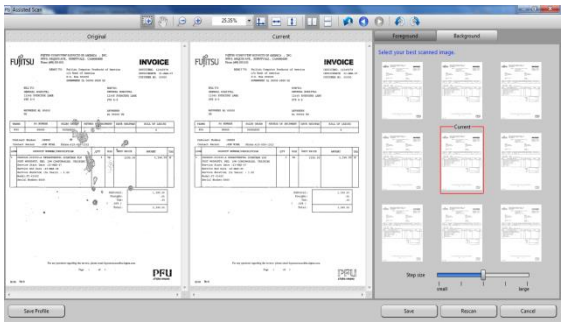
PaperStream Capture Pro offers several key differentiators including:

- Scans batches or imports
- Image cleanup can be applied during scanning, during import, or after scan
- Enhanced document separation including zonal OCR
- Enhanced metadata extraction and indexing methods

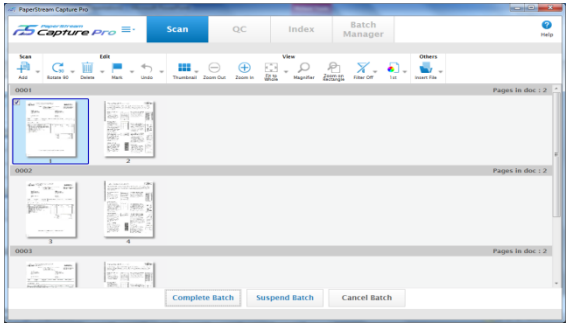
$1,999



Import Digital Files



After Scan Correction



Indexing & Separation

Operator indexing and automatic metadata extraction improve document processing times.

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Scanner Central Admin (SCA)

Multiple scanners can be managed centrally and efficiently.

Deploy

Manage

Status

- Track daily scans
- Manage consumables
- Track error reports
- Remote alerts via e-mail
- Device location & identification

- Remote & timely updates
- 1,000 scanners per server (4,000)
- Thin server requirements
- Standard SNMP trap systems
- fi Series / Network scanner support

Supported models:

fi-5950	fi-6800	fi-6400	fi-7700	N7100*	fi-7600/7700
fi-7480/7460	fi-7180/7280	fi-7160/7260	fi-7030	fi-65F	

* Need to download from fi Series home page.

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Extend the life of the scanner, decrease down times, improve feeding, increase ROI and stabilize budgets with Fujitsu Service.

Service Details

- Standard 90-day onsite warranty
- Extended Services
  - Advance Exchange, next day (fi-7600)
  - Basic NBD, 4 Hour, & 24/7
  - ScanCare NBD, 4 hour, & 24/7
  - Co-term contracts
  - Multi-vendor options

Service Benefits

- Fujitsu-authorized technicians
- Improved uptime
- Maintenance training
- Reduce unbudgeted repairs
- Less expensive than time & material
- Increase equipment longevity

U.S.-Based Support

- 100% staffed in U.S
- Toll-free support, 5am – 5pm PST M-F
- Friendly & knowledgeable engineers
- Best-in-class service rating
- 98% customer satisfaction
- Low hold time

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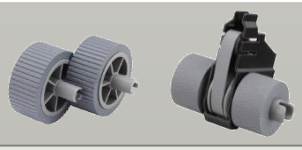
Consumables

Changing the consumables as needed and at least once per year maintains throughputs and improves ROI.

Description	Photo	Part Number	Lifetime	Remarks
Pick Roller Set		PA03740-K011	250,000	The pick roller pulls paper in
Brake Roller		PA03740-K010	250,000	The brake roller separates
ScanAid Kit		CG01000-288701	250,000	1x break roller, 1x pick roller set, F1 Bottle, 10 sheets cleaning paper, 2 packs cleaning cloth, cleaning wipes, swabs

Kit Price Change: $450 → $166

The New ScanAid Kit reduces cost of ownerships, gives better inventory controls, and eliminates box storage.

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FAQ

What is the warranty and warranty options?

- Standard 90 day onsite.
- Extended options include Advanced Exchange (fi-7600), Depot, Basic, ScanCare, 4 hour & 24/7.
- Co-term also available.

Which scanners do these replace?

- fi-6670, fi-6670A, fi-6770, fi-6770A

Where is the SDK request form?

- It is available now for free to qualified developers. Please fill out the application form here: http://www.fujitsu.com/us/products/computing/peripheral/scanners/fi/sdk/sdk.html

When is the launch date?

- First Customer Shipment (FCS) is May 19, 2017

What is the discount for the trade-in program?

- ScanCare: $900
- Basic: $750

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Specification (fi-7600)

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*** Improvements**

			fi-7600	fi-6670
Image sensor			Color CCD x 2	Color CCD x 2
Light source			**White LED Array x 4**	CCFL x 4
Optical resolution			600 dpi	600 dpi
Output resolution			50-600 dpi (adjustable by 1 dpi increments) 1200dpi (set by driver)	50-600dpi (adjustable by 1 dpi increments) 1200dpi (set by driver)
ADF Capacity			**300 sheets (Letter: 20 lb)**	200 sheets (Letter: 20 lb)
Document size	ADF (Min.)		**2 x 2.7" (50.8 x 69 mm)**	2.1 x 2.9" (52 x 74 mm)
	ADF (Max.)		**12 x 17" (304.8 x 431.8 mm)**	11.7 x 17" (297 x 431.8 mm)
	Long paper		**220" (5,588 mm)** **Divide Long Page function 200 meters.**	120" (3,048 mm)
Document thickness			**5.3 to 110 lb (20-413 g/m2)**	8.3 to 56.1 lb (31-209 g/m2)
Interfaces			**USB3.1 Gen1, USB3.0, USB2.0**	Ultra SCSI, USB2.0
Scanning speed (B&W/Grayscale/Color)	ADF (A4 Landscape)	200 dpi	**100 ppm / 200 ipm**	90 ppm/180 ipm
		300 dpi	**100 ppm / 200 ipm**	80 ppm/160 ipm
Power consumption	Operating		**64 W**	130 W
	Sleep mode		**1.7 W**	3.0W
	Auto Standby (Off) Mode		**0.35 W**	0.5 W
Dimensions (W x D x H)			**25.2 x 17.0 x 8.4" (640 x 432 x 214 mm)**	25.2 x 17 x 11.8" (641 x 432 x 300 mm)
Weight			**24 lb (11 kg)**	37.5 lb (17 kg)
Daily Duty Cycle			**30,000 sheets**	15,000 sheets

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Specification (fi-7700)

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*** Improvements**

			fi-7700	fi-6770
Scanner type			ADF (Duplex) + FB	ADF (Duplex) + FB
Image sensor			Color CCD x 3	Color CCD x 3
Light source			**White LED Array x 6**	CCFL x 6
Optical resolution			600 dpi	600 dpi
Output resolution			50-600 dpi (adjustable by 1 dpi increments) 1200 dpi (set by driver)	50-600 dpi (adjustable by 1 dpi increments) 1200 dpi (set by driver)
ADF Capacity			**300 sheets (Letter: 20 lb)**	200 sheets (Letter: 20 lb)
Document size	ADF(Min.)		**2 x 2.7" (50.8 x 69 mm)**	2.1 x 2.9" (52 x 74 mm)
	ADF(Max.)		**12 x 17" (304.8 x 431.8 mm)**	11.7 x 17" (297 x 431.8 mm)
	Long paper		**220" (5,588 mm)** **Divide Long Page function 200 meters.**	120" (3,048 mm)
	FB		12 x 18" (304.8 x 457.2 mm)	12 x 18" (304.8 x 457.2 mm)
Document thickness			**5.3 to 110 lb (20-413 g/m2)**	8.3 to 56.1 lb (31-209 g/m2)
Interfaces			**USB3.1 Gen1, USB3.0, USB2.0**	Ultra SCSI, USB2.0
Scanning speed (B&W/Grayscale/Color)	ADF (A4 Landscape)	200 dpi	**100 ppm / 200 ipm**	90 ppm/180 ipm
		300 dpi	**100 ppm / 200 ipm**	80 ppm/160 ipm
	FB (A4 Portrait)	200 dpi	0.9 s	0.9 s
		300 dpi	0.9 s	1.1 s
Power consumption	Operating		**64 W**	130 W
	Sleep mode		**1.7 W**	3.0 W
	Auto Standby (Off) Mode		**0.35 W**	0.5 W
Dimensions (W x D x H)			27.8 x 19.7 x 13.6" (706 x 500 x 345 mm)	27.2 x 19.7 x 13.5" (690 x 500 x 342 mm)
Weight			15.9 lb (35 kg)	15.9 lb (35 kg)
Daily Duty Cycle			**30,000 sheets**	15,000 sheets

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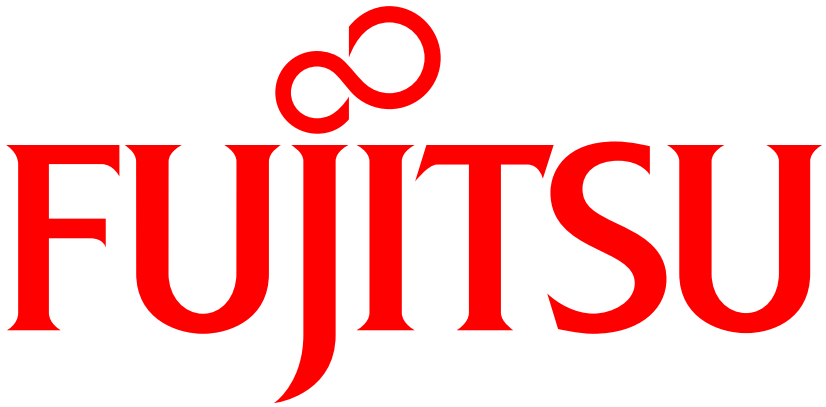

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