Introduction

### FUJITSU Image Scanner fi-7600 vs. fi-7700

<table>
<thead>
<tr>
<th>Feature</th>
<th>fi-7600</th>
<th>fi-7700</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scanning Mode</td>
<td>Duplex</td>
<td>Duplex &amp; Flatbed</td>
</tr>
<tr>
<td>Scanning speed*¹</td>
<td>100 ppm / 200 ipm</td>
<td>100 ppm / 200 ipm</td>
</tr>
<tr>
<td>Paper capacity (Letter)</td>
<td>300 sheets</td>
<td>300 sheets</td>
</tr>
<tr>
<td>Part Number</td>
<td>PA03740-B505</td>
<td>PA03740-B005</td>
</tr>
<tr>
<td>Price</td>
<td>$5,995</td>
<td>$7,995</td>
</tr>
</tbody>
</table>

Trade Compliant: COO, Singapore

*¹ Letter landscape, color, 200/300 dpi
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
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
High-speed scanning of 100 ppm / 200 ipm*1.

<table>
<thead>
<tr>
<th>Scanner / Resolution</th>
<th>Landscape</th>
<th>Portrait</th>
</tr>
</thead>
<tbody>
<tr>
<td>200dpi</td>
<td>100ppm / 200ipm</td>
<td>80ppm / 160ipm</td>
</tr>
<tr>
<td>300dpi</td>
<td>47ppm / 94ipm</td>
<td>35ppm / 70ipm</td>
</tr>
<tr>
<td>400dpi</td>
<td>30ppm / 60ipm*2</td>
<td>22ppm / 44ipm</td>
</tr>
<tr>
<td>600dpi</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*1 Letter landscape, color, 200/300 dpi
*2 When auto size detection function is off
Professional Centralized, Back-office Scanning

Improve efficiency of paper capture dense paper collection areas.

Various types of documents

High duty cycle and durable
High Volume Chute

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

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

5.3 to 110 lb.

300 sheets

Add Paper while scanning.

Plastic cards

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Manual Feed Mode

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

The Manual Feed Mode automatically turns off the ultrasonic sensors for fast throughput.
The Automatic Skew Reduction not only protects documents but also protects against lost data.

- 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.
Paper Protection reduces jam damage to important papers.

**Distance Detection**
Distributes jam by monitoring paper travel

**Acoustic Jam Detection**
Detects jam by monitoring sounds

Stops if paper doesn’t reach the sensor!  
Catch stapled documents fast!

Builds trust in feeding for greater throughput.
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.
Open Cover Cropping

Scan with the cover up, increasing flatbed throughput.

Leave the cover up as periodical pages are turned.

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

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

Old documents

Books

Damaged documents
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.
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.
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.
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.
Easy maintenance

Fast access to all rollers, glass, and consumables.

Easy cleaning and maintenance

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

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<th></th>
</tr>
</thead>
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<td>Pick Speed</td>
</tr>
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<td>Cleaning</td>
</tr>
<tr>
<td>3.</td>
<td>Test Print</td>
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<tr>
<td>4.</td>
<td>Consumable Counters</td>
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<tr>
<td>5.</td>
<td>Language</td>
</tr>
<tr>
<td>6.</td>
<td>LCD Contrast</td>
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<td>7.</td>
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<td>Check LED Blink Speed</td>
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<td>LCD Scroll Speed</td>
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<td>10.</td>
<td>Low-speed Feed Mode</td>
</tr>
<tr>
<td>11.</td>
<td>Stacking Control</td>
</tr>
<tr>
<td>12.</td>
<td>Doc Counting Mode</td>
</tr>
</tbody>
</table>

Operators can complete batch scanning without touching the PC.
Energy Savings

Half the power consumption of the previous generation.

<table>
<thead>
<tr>
<th>State</th>
<th>fi-7600/7700</th>
<th>Previous models</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scanning</td>
<td>64 W</td>
<td>130 W</td>
</tr>
<tr>
<td>Sleeping</td>
<td>1.7 W</td>
<td>3.0 W</td>
</tr>
<tr>
<td>Off</td>
<td>0.35 W</td>
<td>0.5 W</td>
</tr>
</tbody>
</table>

Less power saves money and helps the environment.
PaperStream IP, PaperStream Capture, PaperStream Capture Pro, and Scanner Central Admin provide a complete scanning solution for any amount or any type of paper workflow.

High quality image processing

Sorting/indexing/QC

Workflow & Storage

Scan
PaperStream IP cleans tough images with no setting changes.

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

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

Specific document profiles can be set up in minutes using Assisted Scan.
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.
With PaperStream Capture, use barcodes for advanced separation and file naming.

- **Supported 2D barcodes**

<table>
<thead>
<tr>
<th>PDF417</th>
<th>QR Code</th>
<th>Data Matrix</th>
<th>Aztec Code</th>
</tr>
</thead>
</table>

- **Supported 1D barcodes**

  - UPC-A / EAN / JAN
  - Code 3 of 9
  - Code 128 / EAN128
  - Codabar (NW7)
  - ITF
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.
Minimizes post-scanning operations in order to output optimized scan results.

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

**Auto de-skew**
Automatically corrects skewed images

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

- Color
- Grayscale
- B&W

**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
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.
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.
Multiple scanners can be managed centrally and efficiently.

- 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.
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
Consumables

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

<table>
<thead>
<tr>
<th>Description</th>
<th>Photo</th>
<th>Part Number</th>
<th>Lifetime</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pick Roller Set</td>
<td><img src="image1" alt="Pick Roller Set" /></td>
<td>PA03740-K011</td>
<td>250,000</td>
<td>The pick roller pulls paper in</td>
</tr>
<tr>
<td>Brake Roller</td>
<td><img src="image2" alt="Brake Roller" /></td>
<td>PA03740-K010</td>
<td>250,000</td>
<td>The brake roller separates</td>
</tr>
<tr>
<td>ScanAid Kit</td>
<td><img src="image3" alt="ScanAid Kit" /></td>
<td>CG01000-288701</td>
<td>250,000</td>
<td>1x break roller, 1x pick roller set, F1 Bottle, 10 sheets cleaning paper, 2 packs cleaning cloth, cleaning wipes, swabs</td>
</tr>
</tbody>
</table>

Kit Price Change: $450 → $166

The New ScanAid Kit reduces cost of ownerships, gives better inventory controls, and eliminates box storage.
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
## Specification (fi-7600)

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

* Improvements

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## Specification (fi-7700)

<table>
<thead>
<tr>
<th></th>
<th>fi-7700</th>
<th>fi-6770</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Scanner type</strong></td>
<td>ADF (Duplex) + FB</td>
<td>ADF (Duplex) + FB</td>
</tr>
<tr>
<td><strong>Image sensor</strong></td>
<td>Color CCD x 3</td>
<td>Color CCD x 3</td>
</tr>
<tr>
<td><strong>Light source</strong></td>
<td>White LED Array x 6</td>
<td>CCFL x 6</td>
</tr>
<tr>
<td><strong>Optical resolution</strong></td>
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<td><strong>Long paper</strong></td>
<td>220” (5,588 mm)</td>
<td>120” (3,048 mm)</td>
</tr>
<tr>
<td>Divide Long Page function</td>
<td>200 meters.</td>
<td></td>
</tr>
<tr>
<td>FB</td>
<td>12 x 18” (304.8 x 457.2 mm)</td>
<td>12 x 18” (304.8 x 457.2 mm)</td>
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<td><strong>Document thickness</strong></td>
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<td><strong>Scanning speed</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ADF (A4 Landscape)</td>
<td>100 ppm / 200 ipm</td>
<td>90 ppm/180 ipm</td>
</tr>
<tr>
<td>200 dpi</td>
<td></td>
<td></td>
</tr>
<tr>
<td>300 dpi</td>
<td>100 ppm / 200 ipm</td>
<td>80 ppm/160 ipm</td>
</tr>
<tr>
<td>FB</td>
<td>0.9 s</td>
<td>0.9 s</td>
</tr>
<tr>
<td>(A4 Portrait)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>200 dpi</td>
<td>0.9 s</td>
<td>1.1 s</td>
</tr>
<tr>
<td>300 dpi</td>
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<td>0.5 W</td>
</tr>
<tr>
<td><strong>Dimensions (W x D x H)</strong></td>
<td>27.8 x 19.7 x 13.6” (706 x 500 x 345 mm)</td>
<td>27.2 x 19.7 x 13.5” (690 x 500 x 342 mm)</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>15.9 lb (35 kg)</td>
<td>15.9 lb (35 kg)</td>
</tr>
<tr>
<td><strong>Daily Duty Cycle</strong></td>
<td>30,000 sheets</td>
<td>15,000 sheets</td>
</tr>
</tbody>
</table>

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