

# Datasheet

## FUJITSU Image Scanner fi-7600

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Heavy-duty & flexible production scanner for professional use



The fi-7600 scans documents at 100 ppm/200 ipm (A4 landscape 200/300 dpi) and improves work efficiency with its ability to scan a wide variety of business documents as well as capacity to load 300 sheets at a time.

### **Assistance for safe and reliable scanning**

The straight paper path structure is designed to assure stable scanning regardless of document conditions and types. With Manual/Single mode, scan thick documents such as drawings folded in half, multi-layered receipts, and envelopes without specific operation. Minimize risk of document damage with stable paper feeding that Paper Protection function provides through its detection of anomalies in sound and monitoring of paper feed distance. Missing edges are also no longer a struggle with the scanner's Skew Reducer mechanism.

### **Flexible and functional design to meet all user needs**

The fi-7600's compact footprint enables users to scan even in small and limited environments. 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. Panels are equipped on both the scanner's right and left hand sides, enabling loading of documents in any workspace regardless of your dominant arm. Daily maintenance tasks, including interior cleaning and roller replacement, can also be done with utmost ease for long-lasting utilization.

### **Advanced software for maximized efficiency**

Bypass the inconvenience of making fine adjustments to OCR settings with the PaperStream IP scanner driver, supporting both TWAIN and ISIS. 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. Automatically utilizing data extracted from barcodes and patch codes, the software also determines your preferred saving destinations and eliminates time allocated to routine tasks.

## Technical Information

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| Scanner Type   | ADF (Automatic Document Feeder) / Manual Feed, Duplex  |
| Scanning Speed* <sup>1</sup> (A4 Landscape)<br>(Color* <sup>2</sup> /Grayscale* <sup>3</sup> /Monochrome* <sup>3</sup> ) | Simplex: 100 ppm (200/300 dpi)<br>Duplex: 200 ipm (200/300 dpi)  |
| Scanning Speed* <sup>1</sup> (A4 Portrait)<br>(Color* <sup>2</sup> /Grayscale* <sup>3</sup> /Monochrome* <sup>3</sup> )  | Simplex: 80 ppm (200/300 dpi)<br>Duplex: 160 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)  |
| Optical Resolution   | 600 dpi  |
| Output Resolution* <sup>4</sup><br>(Color / Grayscale / Monochrome)  | 50 to 600 dpi (adjustable by 1 dpi increments)<br>1,200 dpi (driver)* <sup>5</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  | 50.8 x 69 mm (2 x 2.7 in.) (Portrait)  |
| Long Page Scanning* <sup>6</sup>   | 5,588 mm (220 in.)   |
| Paper Weight (Thickness)   |  |
| Paper  | 20 to 413 g/m <sup>2</sup> (5.3 to 110 lb)<br>Less than A8 size: 128 to 209 g/m <sup>2</sup> (34 to 56 lb) |
| Plastic Card   | Up to 1.4 mm* <sup>7</sup>   |
| ADF Capacity* <sup>8</sup>   | 300 sheets (A4 80 g/m <sup>2</sup> or Letter 20 lb)  |
| Expected Daily Volume* <sup>9</sup>  | 44,000 sheets  |
| Multifeed Detection  | Overlap detection (Ultrasonic sensor),<br>Length detection   |
| Paper Protection   | Lag detection, Sound detection (iSOP)* <sup>10</sup>   |
| Interface  | USB 3.1 Gen 1 / USB 2.0 / USB 1.1  |
| Power Requirements   | AC 100 to 240 V ±10 %  |
| Power Consumption  |  |
| Operating Mode   | 64 W or less   |
| Sleep Mode   | 1.7 W or less  |
| Auto Standby (Off) Mode  | 0.35 W or less   |

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| Operating Environment                                 |  |
| Temperature   | 5 to 35 °C (41 to 95 °F)   |
| Relative Humidity                                     | 20 to 80% (non-condensing)   |
| Environmental Compliance                              | ENERGY STAR®, RoHS   |
| Dimensions* <sup>11</sup><br>(Width x Depth x Height) | 236 x 432 x 214 mm (9.3 x 17.0 x 8.4 in.)  |
| Weight  | 11 kg (24 lb)  |
| Supported Operating System                            | Windows® 11, Windows® 10, Windows® 8.1, Windows® 7,<br>Windows Server® 2022, Windows Server® 2019, Windows<br>Server® 2016, Windows Server® 2012 R2, Windows Server®<br>2012, Windows Server® 2008 R2, Windows Server® 2008* <sup>12</sup>   |
| Included Software / Drivers                           | PaperStream IP driver (TWAIN/TWAIN x64/ISIS), WIA Driver* <sup>13</sup> ,<br>PaperStream Capture, PaperStream ClickScan* <sup>14</sup> , Software<br>Operation Panel, Error Recovery Guide, ABBYY FineReader for<br>ScanSnap™* <sup>14</sup> , Scanner Central Admin, 2D Barcode for<br>PaperStream* <sup>14</sup>   |
| Image Processing Functions                            | Multi image output, Automatic color detection, Blank page<br>detection, Dynamic threshold (iDTC), Advanced DTC, SDTC,<br>Error diffusion, Dither, De-Screen, Emphasis, Dropout color<br>(None/Red/Green/Blue/White/Saturation/Custom), sRGB<br>output, Hole punch removal, Index tab cropping, Split image,<br>De-Skew, Edge correction, Vertical streaks reduction, Cropping,<br>Static threshold, Divide long page |
| Included Items  | Stacker, ADF paper chute, AC cable, AC adapter,<br>USB cable, Setup DVD-ROM  |

## Options

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| Post Imprinter (FI-760PRB)                   | PA03740-D101 | Back-side printing on document           |
| PaperStream Capture Pro<br>Scan Station (LV) | PA43404-A685 | PaperStream Capture Pro optional license |

## Consumables

|                 |              |  |
|-----------------|--------------|--|
| Brake Roller    | PA03740-K010 | Every 250,000 sheets or one year                                 |
| Pick Roller     | PA03740-K011 | Every 250,000 sheets or one year                                 |
| Print Cartridge | CA00050-0262 | 4,000,000 printed character or<br>6 months after opening the bag |

\*<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> Selectable maximum resolution may vary depending on the length of the scanned document. \*<sup>5</sup> 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>6</sup> Capable of scanning documents that exceed Legal sheets in length. Long page scanning supports documents with lengths of up to 5,588 mm (220 in.) when the resolution is set to 200 dpi or less. Documents of up to 200m (218.8 yd.) can be scanned if scans of long page documents are split into multiple pages. \*<sup>7</sup> Capable of scanning up to 3 cards at a time. (Note: does not set more than one embossed card at a time.) \*<sup>8</sup> Maximum capacity depends on paper weight and may vary. \*<sup>9</sup> Numbers are calculated using scanning speeds and typical hours of scanner use, and are not meant to guarantee daily volume or unit durability. \*<sup>10</sup> Intelligent Sonic Paper Protection. \*<sup>11</sup> Excludes the ADF hopper and stacker. \*<sup>12</sup> Requires PaperStream IP 1.60.0 or earlier and PaperStream Capture 2.8.2 or earlier. \*<sup>13</sup> Functions equivalent to those offered by PaperStream IP may not be available with the WIA Driver. \*<sup>14</sup> Refer to the fi Series Support Site for driver/software downloads and full lineup of all supported operating system versions.

## 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/>

## Contact