FUJITSU

Datasheet
FUJITSU Image Scanner fi-7900

Advanced productivity for high-volume scanning

The fi-7900 scans A4 landscape documents at high speeds of 140 ppm/280 ipm (200/300 dpi). It is capable of scanning up to A3 sized portrait documents and can load up to 500 sheets at a time.

Accurate feeding to maximize productivity
Our production scanners are designed to build productive workflows. In addition to our reliable feeding, the fi-7900 comes with a variety of functionalities that make feeding performance even better. Finish scanning faster without the need to make any rescans, using the all-new Automatic Separation Control function. This new function automatically calibrates torque on the brake rollers and guarantees that documents go through one at a time. The fi-7900 now also comes with the fi Series signature Skew Reducer function providing independent separator rollers to ensure skewed documents do not affect documents to follow.

Organized paper output for clean and fast workflows
Not only do we ensure that paper is fed through smoothly but also that output is made in neat stacks. The improved Stacking Control function and Elevator Stacker allow operators to quickly gather documents after scanning so that operators can quickly move on to the next batch, and scan multiple batches in shorter times.

Stress-free usability with an operator-friendly design
The fi-7900 is designed to make the operator experience easy. Operators can scan directly from the scanner with the job-registration function, and complete various operations on the easily-accessible operator panel and LCD status display. Ease of use also applies to routine maintenance of the scanner. The fi-7900's LED lights make cleaning dust, debris, and ink residue build-up from the glass simply easy and stress-free.

Advanced software for maximized efficiency
Empower operator workflows and feed information efficiently with our latest PaperStream IP scanner driver and integrated software. With a few simple setting configurations, Automatic Profile Selection allows documents to undergo image processing appropriate to each document format. Operators no longer need to sort documents manually since the driver works with PaperStream Capture to link document formats to specific saving destinations. Image processing functionalities are also enhanced with Advanced Cleanup Technology providing strong character recognition and image cleanup functionalities for better OCR accuracy. All these functionalities work together to offer a wider variety of batch scanning features and assist operator workflows.

Technical Information

Scanner Type	ADF (Automatic Document Feeder) / Manual Feed, Duplex
Scanning Speed[*1] (A4 Landscape) (Color[*2]/Grayscale[*2]/Monochrome[*3])	Simplex: 140 ppm (200/300 dpi) Duplex: 280 ipm (200/300 dpi)
Scanning Speed[*1] (A4 Portrait) (Color[*2]/Grayscale[*2]/Monochrome[*3])	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 LED Array x 4 (front x 2, back x 2)
Optical Resolution	600 dpi
Output Resolution[*4] (Color / Grayscale / Monochrome)	50 to 600 dpi (adjustable by 1 dpi increments) 1,200 dpi (driver)[*5]
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[*6]	5,588 mm (220 in.)
Paper Weight (Thickness)	
A4 to A5 Size	20 to 209 g/m² (5.4 to 56 lb)
Less than A5 Size / Over A4 Size	41 to 209 g/m² (11 to 56 lb)
ADF Capacity[*7]	500 sheets (A4 80 g/m² or Letter 20 lb)
Expected Daily Volume[*8]	120,000 sheets
Multifeed Detection	Overlap detection (Ultrasonic sensor), Length detection
Paper Protection	Lag detection
Interface	USB 2.0 / USB 1.1
Power Requirements	AC 100 to 240 V ± 10%
Power Consumption	
Operating Mode	200 W or less
Sleep Mode	3.2 W or less
Auto Standby (Off) Mode	Less than 0.3 W
Operating Environment	
Temperature	5 to 35 °C (41 to 95 °F)
Relative Humidity	20 to 80% (non-condensing)

Environmental Compliance	ENERGY STAR®, RoHS
Dimensions[*9] (Width x Depth x Height)	460 x 430 x 310 mm (18.1 x 16.9 x 12.2 in.)
Weight	32 kg (70 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® 2019 (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), WIA Driver[*10], PaperStream Capture, 2D Barcode for PaperStream[*11], Software Operation Panel, Error Recovery Guide, Scanner Central Admin
Image Processing Functions	Multi image output, Automatic color detection, Blank page detection, Static threshold, Dynamic threshold (iDTC), Advanced DTC, SDTC, Error diffusion, Dither, De-Screen, Emphasis, Dropout color (None/Red/Green/Blue/White/ Saturation/Custom), sRGB output, Hole punch removal, Cropping, Index tab cropping, Split image, De-Skew, Edge correction, Vertical streaks reduction, Character extraction, Background pattern removal, Automatic profile selection
Included Items	AC cable, USB cable, Setup DVD-ROM

Options

Post Imprinter (FI-680PRB)	PA03575-D203	Back-side printing on document
PaperStream Capture Pro Scan Station (MV)	PA43404-A695	PaperStream Capture Pro optional license

Consumables

Pick Roller	PA03575-K011	Every 600,000 sheets or one year
Separator Roller	PA03800-K012	Every 600,000 sheets or one year
Brake Roller	PA03575-K013	Every 600,000 sheets or one year
Print Cartridge	CA00050-0262	4,000,000 printed characters or 6 months after opening the bag

In order to avail extended warranty or AMC, please write to fipl-imaging@ts.fujitsu.com.

*1 Actual scanning speeds are affected by data transmission and software processing times. *2 Indicated speeds are from using JPEG compression. *3 Indicated speeds are from using TIFF CCITT Group 4 compression. *4 When scanning in high resolutions (500 dpi or above), scanning may be rejected depending on scanning mode, document size, memory size, and application program. Selectable maximum density may vary depending on the length of the scanned document. *5 Limitations may apply to the size of documents that can be scanned, depending on system environment, when scanning at high resolution (over 600 dpi). *6 Documents between 431.8 mm (17 in.) and 863 mm (34 in.) in length are limited to 400 dpi. Documents between 863 mm and 3,175 mm (125 in.) in length are limited to 300 dpi. *7 Maximum capacity depends on paper weight and may vary. *8 Numbers are calculated using scanning speeds and typical hours of scanner use, and are not meant to guarantee daily volume or unit durability. *9 With the ADF hopper closed. *10 Functions equivalent to those offered by PaperStream IP may not be available with the WIA Driver. *11 Software can be downloaded from the website designated in the Setup DVD-ROM.

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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. https://scannerworld.in

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Contact

ScannerW**orld** (A div. of Alchemist Softwares Pvt Ltd)
For Sales: sales@alchemistsoftwares.com
For Support: support@alchemistsoftwares.com
Phone:+91 (20) 4130 2020, +91 84080 00266, +91 99230 54123