FUJITSU Document Scanner

fi-7480

Color, Wide Format
Duplex Scanner

Excellent performance and superior
reliability in a compact size

- Fast 80 ppm / 160 ipm at 300 dpi color

- Double Letter and A3 Wide-Format Scanning

- Large Capacity 100 Page Feeder

- Mixed Batch Scanning with Plastic and Embossed cards

- 1D Barcode, 2D Barcode and Patch Code Separation

- Latest USB 3.0 Connectivity

- Eco-Friendly LED Scanning

- Backlit LCD Panel for Easy Viewing and Control

- Manual Feed Mode for Thick Documents

- Automatic Image Cleanup with PaperStream IP Drivers (TWAIN & ISIS)

- PaperStream Capture Software

- Scanner Central Admin Software for Fleet Management

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Designed for professional workloads and engineered to last, the fi-7480 scanner offers wide-format scanning in a compact, best-in-class space. Robust feeding of mixed documents and automatic stacking technology reduces document handling time and total cost of scanning.

Scanning Performance

With duplex speeds of 160 images per minute at 300 dpi in Color, Grayscale, and Monochrome, the fi-7480 gives departmental performance in a desktop space.

- Rapid startup from sleep in less than a second
- Thick paper (27 to 413 g/m2) and embossed card scanning
- Manual Feed Mode for thick and difficult documents
- 100 page feeder (50 double letter)
- Skew resistance technology
- Automatic stacking speeds for improved organization
- Scan sticky notes, taped receipts, and labels while securing against multifeeds
- Long document support up to 18.3 feet in PaperStream IP
- Latest USB 3.0 for forward compatibility
- 32/64 Bit Driver for PaperStream IP (TWAIN & ISIS)

Fleet Management

Bundled with the fi-7480, Scanner Central Admin provides IT departments an efficient way to manage medium to large scanner deployments. With remotely accessible fleet information, IT departments can monitor, update, and allocate resources effectively based on scan volume, consumable wear, depreciation schedules, and maintenance expiration.

Included with Scanner

Fujitsu fi-7480 scanners have everything needed to scan out of the box or to integrate with hundreds of software applications.

- PaperStream IP Image Cleanup (TWAIN & ISIS)
- PaperStream Capture Batch scanning and PDF creation software
- 1D & 2D Barcode Support
- 3 Months On-Site Service

Accessories & Options

The following options are available for purchase:

- PaperStream Capture Pro Software for data extraction and indexing
- Training & Installation to get the most out of the equipment
- ScanAid Kit with consumables and cleaning supplies
- Post Imprinter for backside endorsing
- ScanCare, Basic, Advance Exchange, 4 hour, and 24/7 Service

Consumables	
Pick roller	PA03670-0002
Brake roller	PA03710-0001
ScanAid kit	CG01000-288201

Genuine Fujitsu Consumables available at **store.fcpa.fujitsu.com**

Technical Specifications		
Model		fi-7480
Image Sensor Type		Color CCD (Charge-coupled device) x 2 (front x 1, back x 1)
Output Resolution [5]	Color (24-bit)	50 to 600 dpi, 1200 dpi [9, 10]
	Grayscale (8-bit)	
	Monochrome (1-bit)	
Halftone Patterns		4 Dither Patterns and error diffusion
Grayscale		10-bit/1,024 level (internal), 8-bit/256 level (output)
Color		24-bit single pass color

Performance		
Scanning Speed [1]		(Landscape orientation, 200 or 300 dpi, Letter, Color, Grayscale and Monochrome)[3]
	Simplex	Duplex
fi-7480	80 ppm [2] Color/Grayscale	160 ipm [2] Color/Grayscale
Scanning Mode		Simplex and Duplex
Document Feeding Mode		Automatic document feeder (ADF)
ADF Capacity [4]		100 Sheets (A4: 80 g/m² or 20 lb.)
Document Size	ADF minimum	51 mm x 69 mm or 2 in. x 2.72 in.
	ADF maximum	A3 Portrait (297 mm x 420 mm or 11.7 in. x 16.5 in.), Double letter (279.4 mm x 431.8 mm or 11 in. x 17 in.)
Interface		USB 3.0 (2.0 and 1.1 compatible)
JPEG Compression		Hardware real time JPEG compression available

Physical Specifications		
Power Requirements (auto-switching)		100 to 240 VAC, 50/60 Hz
Power consumption (Operating)		43 W or less
Operating Environment	Temperature	5°C to 35°C (41°F to 95°F)
	Relative humidity	20% to 80% (non-condensing), Not operating: 8% to 95%
Dimensions (HxWxD) [6]		380 mm x 209 mm x 168 mm (15.0 in. x 8.2 in. x 6.6 in.)
Weight		7.6 kg (16.72 lbs)
Inbox Contents		AC cable, USB cable, Setup DVD-ROM, 2D Barcode for PaperStream Setup CD-ROM
Bundled Software		PaperStream IP (TWAIN/ISIS) Driver, 2D Barcode for PaperStream, Software Operation Panel, Error Recovery Guide, PaperStream Capture, Scanner Central Admin Agent
Environmental compatibility [7]		ENERGY STAR 2.0®, RoHS, EPEAT Silver
Options		Post Imprinter (Back-side)
OS Support		Windows® 10 (32-bit/64-bit), Windows® 8 (32-bit/64-bit), Windows® 7 (32-bit/64-bit), Windows Vista® (32-bit/64-bit), Windows Server® 2012 (64-bit), Windows Server® 2012 R2 (64-bit), Windows Server® 2008 (32-bit/64-bit), Windows Server® 2008 R2 (64-bit)
Features		Ultrasonic Intelligent MultiFeed Function Double Feed Detection (3x) and Long Document Scanning [8]

1. Actual scanning speeds are affected by data transmission and software processing times
2. JPEG compressed figures
3. Intel® Core™ i5 desktop processor 2.5 GHz or higher, 4 GB RAM is recommended
4. Maximum capacity varies, depending upon paper thickness
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. Excluding the ADF hopper
7. PFU Limited, a Fujitsu company, has determined that this product meets RoHS requirements (2005/95/EC)
8. Capable of scanning documents that exceed A4 sheets in length. However, the scanning of documents that exceed 863 mm (34 in.) in length will be limited to using 300 dpi or less
9. Software interpolated
10. Scanning limitations brought about by scanning mode, document size and available memory may occur when scanning at high resolutions (600 dpi or higher)

For full details on the Limited Warranty and other service programs, please go to www.ImagingService.com or call (800) 626-4686.

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Datasheet
FUJITSU Image Scanner fi-8170

Efficiency at new heights with evolved feeding

- ■ **Reliable.** State-of-art feeding and optical technologies.
- ■ **Quality images.** The best you can get.
- ■ **Paper handling.** Scan with confidence.

State-of-art feeding technology - streamline workflow
In the "Manual Feed Mode", the fi-8170 scans copy forms and passports or booklets up to thicknesses of 7 mm without the carrier sheet. Precise multi-feed detection on a wide range of documents like plastic cards and documents with attachments, enable continual scanning with the same profiles. In addition, the "Automatic Separation Control" optimizes paper feed to match the number of sheets loaded, preventing interruptions. "Image Monitoring" also performs checks, real-time, for image skews, and provides enhanced paper protection.

Optimized high-quality images
The fi-8170 comes with "Clear Image Capture", a unique and dedicated image correction technology that generates unparalleled, high-definition images while keeping power consumption to the minimum. Three sensors detect tips of documents to assure accurate image data without defects and prevents image loss.

Better usability and flexibility for any environment
The fi-8170 supports multiple operation modes according to users' environments, that require sharing among teams with PC-less colleagues, or LAN connectivity and USB 3.2.
The flexibility to use with imprinter options opens up the capability for total document management and assists in document archiving requirements that are prevalent in many industries.

Efficiency optimized, simplicity achieved, with expanded software functionalities
The scanner driver, PaperStream IP, comes with a simplified, user-friendly interface that provides icon visibility for easy setting configurations. Users can consistently achieve scanned outputs of correct orientations with the "Automatic Rotation" function, and store frequently scanned documents in specific formats using the "pattern matching" method. Efficiency with simplification brings users, a reduction to operation time as well - on frequent and routine operations like deleting blank pages, or correcting page orientations, just by following the optimal settings suggested by the "Settings Assistant" on the integrated PaperStream Capture software. Documents can be retrieved more efficiently with the "PDF keyword setting" function, instead of being constrained to file names alone.

Technical Information

Scanner Type	ADF (Automatic Document Feeder) / Manual Feed, Duplex
Scanning Speed[1] (A4 Portrait) (Color[2]/Grayscale[2]/Monochrome[3])	Simplex: 70 ppm (200/300 dpi) Duplex: 140 ipm (200/300 dpi)
Image Sensor Type	CIS x 2 (front x 1, back x 1)
Light Source	RGB LED x 2 (front x 1, back x 1)
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[6]	215.9 x 355.6 mm (8.5 x 14 inch)
Minimum	48 x 50 mm (1.9 x 2 inch)
Long Page Scanning[7]	6,096 mm (240 inch)
Paper Weight (Thickness)	
Paper	20 to 465 g/m² (5.3 to 124 lb)[8]
Booklet	Less than 7 mm (0.276 inch)[9]
Plastic Card	1.4 mm (0.055 in.) or less[10]
ADF Capacity[11][12]	100 sheets (A4 80 g/m² or Letter 20 lb)
Expected Daily Volume[13]	10,000 sheets
Multifeed Detection	Overlap detection (Ultrasonic sensor), Length detection
Paper Protection	Image monitoring, Sound detection (iSOP)[14]
Interface	
USB	USB 3.2 Gen1x1 / USB 2.0 / USB 1.1
Ethernet	10BASE-T, 100BASE-TX, 1000BASE-T
Power Requirements	AC 100V - 240V 50/60 Hz
Power Consumption	
Operating Mode	28 W or less / 17 W (Eco mode)
Sleep Mode	2.0 W or less (LAN) / 1.4 W or less (USB)
Auto Standby (Off) Mode	0.2 W or less
Operating Environment	
Temperature	5 to 35 ℃ (41 to 95 °F)
Relative Humidity	15 to 80% (non-condensing)

Environmental Compliance	ENERGY STAR®, RoHS
Dimensions[15] (Width x Depth x Height)	300 x 170 x 163 mm (11.8 x 6.7 x 6.4 inch)
Weight	4 kg (8.8 lb)
Supported Operating System	Windows® 11, Windows® 10, Windows® 8.1, Windows® 7, Windows Server® 2022, Windows Server® 2019, Windows Server® 2016, Windows Server® 2012 R2, Windows Server® 2012, Windows Server® 2008 R2, macOS, Linux (Ubuntu)
Included Software / Drivers	PaperStream IP Driver (TWAIN/TWAIN x64/ISIS), WIA Driver[16], Image Scanner Driver for macOS (ICA)[16][17], Image Scanner Driver for Linux (SANE)[16][17], PaperStream Capture, PaperStream ClickScan[17], Software Operation Panel, Error Recovery Guide, ABBYY FineReader for ScanSnap™[17], Scanner Central Admin
Image Processing Functions	Multi image output, Automatic color detection, Blank page detection, 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, Index tab cropping, Split image, De-Skew, Edge filler, Vertical streaks reduction, Background pattern removal, Cropping, Static threshold
Included Items	ADF paper chute, AC cable, AC adapter, USB cable, Setup DVD-ROM

Options

Post Imprinter (FI-819PRB)	PA03810-D201	Prints on the back of the document
Carrier Sheets	PA03360-0013	Pack of 5 sheets
Photo Carrier Sheets	PA03770-0015	Pack of 3 sheets
Booklet Carrier Sheet	PA03810-0020	Pack of single sheet
2D Barcode for PaperStream	PA43404-A433	Reads PDF417, QR code, Data Matrix, Aztec Code
PaperStream Capture Pro Scan Station (WG)	PA43404-A665	PaperStream Capture Pro optional license

Consumables

Brake Roller	PA03810-0001	Every 200,000 sheets or one year
Pick Roller	PA03670-0002	Every 200,000 sheets or one year
Print Cartridge	CA00050-0262	4,000,000 printed characters or 6 months after opening the package

*1 Actual scanning speeds may vary with 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 Selectable maximum resolution 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 Maximum document width possible for scanning is 240 mm (9.5 inch). *7 For use with PaperStream NX Manager, the maximum resolution supported is 400 dpi, with maximum lengths ranging with resolution. Simplex: 1,828.8 mm (72 in.) [below 300 dpi], 355.6 mm (14 in.) [below 400 dpi]. Duplex: 863.6 mm (34 in.) [below 300 dpi], 355.6 mm (14 in.) [below 400 dpi]. *8 Thicknesses of up to 128 to 209 g/m² (34 to 56 lb) can be scanned for A8 (52 x 74 mm / 2.1 x 2.9 inch) sizes. *9 Indicated thickness is inclusive of Booklet Carrier Sheet thickness when using the Carrier Sheets. *10 Continuous feeding is supported when scanning up to 10 unembossed cards with thicknesses of 0.76 mm or less. *11 Maximum capacity depends on paper weight and may vary. *12 Capable of setting additional documents while scanning. *13 Numbers are calculated using scanning speeds and typical hours of scanner use, and are not meant to guarantee daily volume or unit durability. *14 Intelligent Sonic Paper Protection. *15 Excludes the ADF paper chute and stacker. *16 Functions equivalent to those offered by PaperStream IP may not be available with the Image Scanner Driver for macOS/Linux or WIA Driver. *17 Refer to the fi Series Support Site for driver/software downloads and full lineup of all supported operating system versions. https://www.fujitsu.com/global/support/products/computing/peripheral/scanners/fi/.

Specifications are subject to change without notice. Visit your local Fujitsu website for more information.

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