Revolutionising the desktop

Delivering high workgroup productivity

FUJITSU Image Scanner fi-6160ZLA

- **Compact.** Space-saving design with robust 60-page ADF
- **Versatile.** Mixed batch scanning with widest range of paper characteristics
- **Quick.** Amongst the fastest scanners in the departmental class
- **Intelligent.** Triple Ultrasonic Double Feed Detection with Intelligent MultiFeed Function and retain image feature

shaping tomorrow with you

FUJITSU

The long time standard in professional document scanning

Designed with innovative features, the Fujitsu fi-6160ZLA scanner offers outstanding price/performance value in a compact footprint, conserving both space and budget.

Fast and compact

The fi-6160ZLA can scan at 60 pages per minute (ppm) in monochrome, grayscale or colour at 200 dpi and when duplex mode is selected 120 images per minute (ipm) are achievable (A4, 200 dpi). At 300 dpi, scanning speeds of 40 ppm or 80 ipm are achievable in all modes.

The fi-6160ZLA has been manufactured to the highest quality standards and this is incorporated in a robust, compact design. The fi-6160ZLA has a footprint of just 160 x 300 mm (D x W), ensuring when space is at a premium this unit will sit comfortably and discretely.

The automatic document feeder (ADF) capacity is 60 sheets and the design of this feeder enables the user to continuously feed mixed batch documents containing paper of different weights and sizes. This effectively enables the digitisation of large volumes of paper documents in minimal time.

The fi-6160ZLA can scan at resolutions from 50 to 600 dpi and operates through a USB 2.0 interface.

Impressive feeding

Engineered with one of the most advanced paper separation modules in its class, the fi-6160ZLA employs reversing roller technology resulting in exceptional feeding reliability for an even wider variety of document weights.

Furthermore, the ADF is capable of scanning documents at up to 3 meters and is even robust enough to feed up to three hard cards or embossed cards which are up to 1.4 mm in thickness (both in portrait and landscape mode).

The fi-6160ZLA features active separation modules as opposed to passive separation pads that merely rely on the paper-sheets friction co-efficient relative to that of the rubber material holding back subsequent sheets of paper. This unique feeding which utilises active separation modules is achieved through a straight paper path that minimises the stress on a single sheet given the smooth picking operation rather than products that may have a U or L-shaped paper path or where sheets may be forced into a mechanical duplex mode. It also features an innovative paper protection mode that safe guards even delicate papers.

The fi-6160ZLA can support a multitude of documents and material through the ADF from ultra thin documents at 41 g/m2 to embossed credit card up to 1.4 mm thickness (3 at a time) in both portrait and landscape mode up to very thick cardboard material (up to 210 g/m2). The ADF can accommodate any sizes from A8 to A4 and can also support extra long document scanning at up to 3048 mm length compared to an A4 sheet at 297 mm. Using the packaged carrier sheet, even documents up to the size of A3 can be scanned through the A4 size ADF.

A4 at 300 dpi 40 ppm / 80 ipm
Scan mixed batches through the 60 sheet hopper

Advanced efficiencies with intelligent functionalities

The security offered by 'Multifeed Detection' is effortlessly combined with the efficiency of 'Intelligent Multifeed function', The user can relax knowing that intentional double feeds that may trigger false multifeed alerts such as a taped receipt or sticky note can be manually bypassed whilst at the same time double feed detection is enabled. Pre-scanning preparation is therefore kept to an absolute minimum.

Auto-colour, auto-cropping and auto-deskew recognition

The fi-6160ZLA offers highly valued automatic functions tightly integrated for dedicated document image processing. As a result, it brings about dramatic digitising efficiencies through fast scanning and simultaneous high speed image processing.

Cut TCO* with the centralized administration feature

The fi-6160ZLA comes armed with a centralised administration feature that system administrators can use to manage the installation and operation of multiple image scanners and network scanners from one location.**

Monitor scanner running status, update scanner drivers and software and more with this powerful feature. This dramatically reduces the cost and work that goes into setting up, operating and maintaining many scanners in an organization and in expanding the scanner network to multiple remote locations.

TCO: Total Cost of Ownership

**This product comes bundled with necessary software for setting up the server and client machines.*

Optional imprinting

The fi-6160ZLA can be utilised alongside an optional imprinter (fi-614PR). This enables the printing of dates and other information on the back of the original document, thus allowing the user to easily search and retrieve documents.

Optional extras

Post Imprinter (fi-614PRF)
{Part Number – PA03484-D201}
The imprinter option enables users to print information on original documents for document management purposes such as for tracking or compliance. After documents have been scanned the fi-680PRF (post imprinter) prints information on the front of the document and the fi-680PRB (post imprinter) prints information on the reverse side of the document.

Fujitsu developed best in class scanner driver and image capturing / processing software

PaperStream IP – high quality image enhancement

PaperStream IP is the scanner driver for the fi-6160ZLA scanner. In addition to being fully compliant with the industry standard TWAIN and ISIS interface, PaperStream IP incorporates as standard, highly sophisticated image processing that automatically applies features such as noise removal, background pattern removal and character augmentation to produce exceptionally clear, high quality images that are suitable for direct import into the users' workflow.

PaperStream IP has an intuitive, easy to use interface that can be switched between Administrator or User mode to simplify the scanning process and reduce user error. Additionally PaperStream IP also introduces a new Assisted Scanning mode, which allows the user to visually select the best quality image from a range of images of the page, rather than needing to manually fine tune the scanning parameters one by one.

PaperStream Capture – enhanced capture

PaperStream Capture is an easy to use capture tool which allows users to easily create scanning routines which encapsulate all of the settings and configuration required to control the scanning process from scan to the release of the image to the users' or companies' defined workflow.

Once created, profiles can be run by a single click and the most frequently used profiles can even be linked to the fi-6160ZLA scanner front panel scan button to streamline the whole capture process.
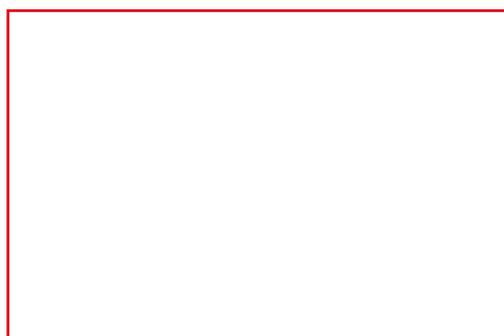
Specifications

Model	fi-6160ZLA
Supported operating systems	See http://emea.fujitsu.com/fiscannerfaqs/ for further information
Scanner type	ADF (automatic document feeder)
Scanning modes	Simplex / Duplex, Colour / Greyscale / Mono
Image sensor type	Colour CCD (charge coupled device) x 2
Light source	White cold cathode discharge lamp x 2
Document size	Minimum: A8 Portrait (52 x 74 mm) / Maximum[*1]: A4 (210 x 297 mm) / Long page scanning: 3,048 mm[*2]
Recommended paper weight	41 to 209 g/m2 (11 to 56.2 lb) and only supports 127 to 209 g/m2 (34 to 56.2 lb) for A8 size. ID card types (ADF): Portrait / Landscape, 1.4 mm thickness or less[*3]
Scanning speed (A4 Portrait)[*4] Colour[*5] / Greyscale[*5] / Mono	Simplex: 60 ppm, Duplex: 120 ipm (200 dpi), Simplex: 40 ppm, Duplex: 80 ipm (300 dpi)
Paper chute capacity[*6]	60 sheets (A4: 64 g/m2) / 50 sheets (A4: 80 g/m2)
Expected daily volume	4,000 sheets per day
Background colours	White / Black (Selectable)
Optical resolution	600 dpi
Output resolution[*7] Colour / Greyscale / Mono	50 to 600 dpi (adjust by 1 dpi increments), 1,200 dpi (driver)[*8]
Output format	Colour: 24 bit / 8 bit, Greyscale: 8 bit / 4 bit, Mono: 1 bit
AD converter	1024 levels (10 bit)
Interface	USB 2.0
Output mode (half-tone)	Dither / error diffusion
Image processing functions	Automatic colour detection, Automatic page size detection, De-Skew, Automatic orientation, Upper lower separation, Multi-image, Blank page skip, Error diffusion, Dither, Dropout colour (R, G, B, None, White, Specified, Saturation), Image emphasis, Simplified DTC, Advanced DTC, iDTC, sRGB
Power requirements	AC 100 to 240V, ±10%
Power consumption	Operating: 42W or less (Sleep mode: 2.5W or less) Auto standby (OFF) mode: 0.5W or less
Operating environment	Temperature: 5 to 35°C, Relative humidity: 20 to 80% (Non-condensing)
Dimensions (W x D x H)[*9] / Weight	301 x 160 x 158 mm / 4.2 kg
Included software / drivers	PaperStream IP Driver (TWAIN & ISIS™), 2D Barcode for PaperStream, Software Operation Panel, Error Recovery Guide, PaperStream Capture, Scanner Central Admin tools
Environmental compliance	ENERGY STAR® / RoHS[*10]

[*1] Document sizes larger than A4, but not exceeding A3, can be scanned (single-side) using a carrier sheet.
[*2] Capable of scanning documents that exceed A4 size in length. However, the scanning of documents that exceed 863 mm (34 in.) in length will be limited to using TWAIN at 200 dpi or less.
[*3] Supports continuous scanning of up to three cards. (Multi-embossed cards are not supported).
[*4] Both data transmission and software processing times affect actual scanning speeds.
[*5] Indicated speeds are from using JPEG compression.
[*6] Maximum capacity varies, depending upon paper weight.
[*7] Maximum output resolutions may vary, depending upon the size of the area being scanned and whether the scanner is scanning in simplex or duplex.
[*8] Scanning limitations brought about by scanning mode, document size and available memory may occur when scanning at high resolutions (600 dpi or higher).
[*9] Indicated dimensions exclude the ADF paper chute and stacker.
[*10] PFU LIMITED, a Fujitsu company, has determined that this product meets RoHS requirements (2002/95/EC).

Consumables and options	Part number	Remarks
Carrier Sheet	PA03360-0013	Each pack contains 5 carrier sheets.It is recommended that each carrier sheet be replaced after it has been used for 500 scans
Consumable Kit	CON-3540-011A	2 x pick roller; 2 x brake roller; total maximum lifetime 400,000 documents or 1 year
Cleaning Kit	SC-SLE-KIT1	Includes F1 pump spray cleaner fluid, cleaning sheets with adhesive surface and cleaning paper.
Print Cartridge	CA00050-0262	Lifetime 4,000,000 printed characters, fi-614PR print head.

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All indications are non-binding. Technical data is subject to change without prior notification.

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