

# Document Scanners

## fi-6130ZLA / fi-6230ZLA

workgroup



fi-6230ZLA



fi-6130ZLA







- Fast 40 ppm / 80 ipm scanning in grayscale and monochrome at 200 dpi
- Exceptional 300 dpi colour scanning at 30 ppm / 60 ipm
- Advanced paper handling technology for the ultimate in feeding reliability
- Robust 50-page Automatic Document Feeder (ADF)
- Plastic and embossed card scanning
- Scanner Central Admin Console
- PaperStream Capture and PaperStream IP for high performance batch scanning and image enhancement

shaping tomorrow with you

**FUJITSU**

# fi-6130ZLA/ fi-6230ZLA

<b>fi-6130ZLA</b>	50 Sheets	50 to 600 dpi	Simplex 40 ppm	Duplex 80 ipm	
					
	50 Sheets	50 to 600 dpi	Simplex 40 ppm	Duplex 80 ipm	<b>fi-6230ZLA</b>

## The long time standard in professional document scanning

Designed with innovative features, the Fujitsu fi-6130ZLA and fi-6230ZLA scanners offer outstanding price/performance value in a compact footprint, conserving both space and budget.

### Fast and compact

The fi-6130ZLA and fi-6230ZLA can scan at 40 pages per minute (ppm) in monochrome or grayscale at 200 dpi and when duplex mode is selected 80 images per minute (ipm) are achievable (A4, 200 dpi). At 300 dpi, scanning speeds of 30 ppm or 60 ipm are achievable in all modes.

The fi-6130ZLA and fi-6230ZLA have been manufactured to the highest quality standards and this is incorporated in a robust, compact design. The fi-6130ZLA has a footprint of just 160 x 300 mm (D x W) and the fi-6230ZLA measures 560 x 300 mm (D x W) ensuring when space is at a premium these units will sit comfortably and discretely.

The automatic document feeder (ADF) capacity is 50 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.

Both scanners can scan at resolutions from 50 to 600 dpi and operate through a USB 2.0/USB 1.1 interface. A typical daily throughput of 4,000 documents is achievable.

### Impressive feeding

Engineered with one of the most advanced paper separation modules in their class, the fi-6130ZLA and fi-6230ZLA employ 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-6130ZLA and fi-6230ZLA feature 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. Both models also feature an innovative paper protection mode that safe guards even delicate papers.

The fi-6130ZLA and fi-6230ZLA can support a multitude of documents and material through the ADF from ultra thin documents at 41 g/m<sup>2</sup> 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/m<sup>2</sup>). 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.

### 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-6130ZLA and fi-6230ZLA offer highly valued automatic functions tightly integrated for dedicated document image processing. As a result, they bring about dramatic digitising efficiencies through fast scanning and simultaneous high speed image processing.





### **PaperStream IP – high quality image enhancement**

PaperStream IP is the scanner driver for the fi-6130ZLA and fi-6230ZLA scanners. 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-6130ZLA and fi-6230ZLA scanner front panel scan button to streamline the whole capture process.

### **Cut TCO\* with the centralized administration feature**

The fi-6130ZLA and fi-6230ZLA come 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-6130ZLA can be utilised alongside an optional imprinter (fi-614PR). This enables to print dates and other information on the back of the original document thus allowing the user to easily search and retrieve documents.



# fi-6130ZLA/ fi-6230ZLA Specifications

fi-6230ZLA



fi-6130ZLA

Model	fi-6130ZLA	fi-6230ZLA
<b>Supported operating systems</b>	Windows® 8, Windows® 7, Windows Vista®, Windows Server® 2003/2008, Windows® XP	
<b>Scanner type</b>	ADF (automatic document feeder)	ADF (automatic document feeder) + flatbed
<b>Scanning modes</b>	Simplex / Duplex, Colour / Grayscale / Monochrome	
<b>Image sensor type</b>	Colour CCD (charge-coupled device) image sensor x 2	Colour CCD (charge-coupled device) image sensor x 3
<b>Light source</b>	White cold cathode discharge lamp x 2	
<b>Document size</b>	ADF	Maximum <sup>1)</sup> : A4 (210 x 297 mm), Minimum (portrait): A8 (52 x 74 mm)
	Long paper scanning <sup>2)</sup> :	210 x 863 mm or 210 x 3,048 mm
	Flatbed:	Maximum: 216 x 297
<b>Paper weight (no limitation for flatbed)</b>	41 to 209 g/m <sup>2</sup> (11 to 56.2 lb) and only supports 127 to 209 g/m <sup>2</sup> (34 to 56.2 lb) for A8 size. ID card types (ADF): Portrait / Landscape, 1.4 mm thickness or less <sup>3)</sup>	
<b>Scanning speed<sup>4)</sup> (A4 portrait)</b>	Colour <sup>5)</sup> / Grayscale <sup>5)</sup> / Mono:	Simplex: 40 ppm, Duplex: 80 ipm (200 dpi), Simplex 30 ppm, Duplex 60 ipm (300 dpi)
	Flatbed:	1.7 seconds (200 / 300 dpi)
<b>Paper chute capacity<sup>6)</sup></b>	50 sheets (A4: 80 g/m <sup>2</sup> )	
<b>Expected daily volume</b>	4,000 sheets per day	
<b>Background colours</b>	White or Black (switchable)	ADF: White or Black (switchable) / Flatbed: Black
<b>Optical resolution</b>	600 dpi	
<b>Output resolution<sup>7)</sup></b>	50 to 600 dpi (adjust by 1 dpi increments), 1200 dpi <sup>8)</sup>	
<b>Output format</b>	Colour: 24 bit / 8 bit, Grayscale: 8 bit, Monochrome: 1 bit	
<b>AD converter</b>	1024 levels (10 bit)	
<b>Interface</b>	USB 2.0	
<b>Connector shape</b>	USB: B type	
<b>Output mode (half-tone)</b>	Dither / error diffusion	
<b>Image processing function</b>	Hardware-based	Image emphasis, Error diffusion, Dither, Simplified DTC, Moire removal, Dropout colour (R, G, B, None, Specified)
	Software-based	Multi image output, Blank page skip, Advanced-DTC, sRGB, Auto colour detection, Automatic page size detection, Hole punch removal, Tab cropping, Split image
<b>Voltage range</b>	AC 100 to 240 V, ±10%	
<b>Power</b>	Operating: 38W, sleep mode <5.36W	Operating: 45W, sleep mode <5.36W
<b>Operational environment</b>	Temperature: 5 °C to 35 °C, Relative humidity: 20 to 80% (Non-condensing)	
<b>Dimensions (W x D x H base unit)<sup>9)</sup></b>	301 x 160 x 158 mm	301 x 567 x 229 mm
<b>Weight</b>	4.2 kg	8.8 kg
<b>Bundled software / drivers</b>	PaperStream IP (TWAIN/ISIS) Driver, PaperStream Capture, User's Guide, Scanner Central Admin	
<b>Environmental compliance</b>	ENERGY STAR® and RoHS <sup>10)</sup>	
<b>Others</b>	Multi-feed detection	Ultrasonic Multi Feed Detection / Paper length

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

Options	Part number	fi-6130ZLA	fi-6230ZLA
<b>Post Imprinter</b>	PA03484-D201	Assists document management by printing numbers, Roman characters and codes on original documents after they have been scanned	—
<b>Black Document Pad</b>	PA03540-D801	—	This is a flatbed black background attachment. Use of this option facilitates the auto-deskewing and auto-orientation of flatbed images.
<b>ScanSnap Carrier Sheet</b>	PA03360-0013	ScanSnap Carrier Sheets come in sets of five. Each carrier sheet has a lifespan of 500 scans.	



ENERGY STAR® compliant

Consumables	Part number	fi-6130ZLA	fi-6230ZLA
<b>Print Cartridge</b>	CA00050-0262	Lifetime 4,000,000 printed characters, fi-614PR print head.	—
<b>Desktop Scanner Cleaning Kit</b>	SC-SLE-KIT1	Includes F1 pump spray cleaner fluid, cleaning sheets with adhesive surface and cleaning paper.	
<b>Consumable Kit</b>	CON-3540-011A	Includes 2 x pick roller and 2 x brake rollers to support scanning of up to 400,000 sheets.	

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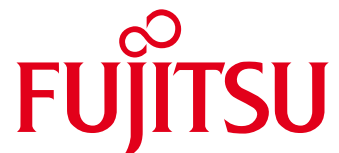
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