

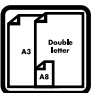
THE POSSIBILITIES ARE INFINITE

FUJITSU

M4097D



DUPLIX
A3 DOCUMENT
SCANNER



QUALITY SCANNER

M4097D

TECHNICAL SPECIFICATIONS

The M4097D image scanner (SCSI-2 interface/Third Party Slot Interface) offers high-speed, duplex scanning, and other excellent features that Fujitsu is proud of, and that ensure these products will be used well into the future.

- High Performance
- High-Speed Scanning
 - Simplex: 50 pages per minutes (A4/200dpi)
 - 67 pages per minutes (A4/200dpi/Landscape)
 - Duplex: 90 images per minutes (A4/200dpi)
- Continuous Scanning
 - 100-sheet automatic document feeder improves operator productivity
- Quality Results
- Standard Image Processing
 - Error Diffusion
 - Image Emphasis
- Image Processing Option (IPC-4D)
- Various Document Sizes
 - A8 portrait (53 x 74mm) to A3, 11 x 17in.
- Manual Feeding Mode
- Double Feed Detection
- Long Page Scanning
- Page End Detection
- Quality Output Resolution
 - Up to 600dpi for high-quality images
- Others
- Video I/F Option
- ENERGYSTAR® Compliance
- Black/White Switchable Background (ADF front side)
- Page Counter
- Grayscale Output
- LCD Panel
- Slot for Optional Board
- Imprinting Option
- Drop Out Red Lamp Option (being planned)
- Bundled with Fujitsu Scanner Utility and TWAIN Driver



Operating method		Flatbed and ADF (automatic document feeder)(duplex)
Image sensor		CCD (charge-coupled device) image sensor x2
Light source		Xe discharge tube (green)
Document size		Minimum: A8 (portrait, 127g/m ² (34lbs)) Maximum: A3 or double letter (11 in. x 17 in.)
Output resolution		Monochrome: 800-50 dpi (by 1 dpi) Grayscale: 400-50 dpi (by 1 dpi)
Optical resolution		400 dpi
Scanning speed (mechanical)	Simplex scanning	50 ppm for A4 portrait format at 200 dpi 67 ppm for A4 landscape format at 200 dpi
	Duplex scanning	90 ipm for A4 portrait format at 200 dpi
	Flatbed scanning	0.9 sec for A4 portrait format at 200 dpi
Grayscale level (internal)		10 bits
Half-tone patterns		Dither; Error diffusion
Capacity of ADF		Maximum 100 sheets, paper weight: 64 g/m ² , (17lbs), A4
Interface		SCSI-2 (half-pitch 50pin)/Third party slot (RS232C+Video I/F Option)
Image output format		Binary, 8-bit grayscale
Power requirements		100 - 120 VAC, 50/60 Hz; 220 - 240 VAC, 50/60 Hz
Power consumption		160 VA or less
Operating environment		Temperature: 5°C - 35°C (41°F-95°F) Relative humidity: 20% - 80% (noncondensing)
Dimensions (WxDxH)		696x521x234 mm (27.4x20.5x9.2 in.)
Weight		22 kg (48.4 lbs.)
Options		1. IPC 4D board (1) IPC functions - Dither pattern download - Automatic binarization - Automatic separation between photographs and text - Zooming: 25% to 200% by 1% steps - Outline extraction - Image emphasis - Mirror image - Reverse image - Clipping (2) DTC functions - Spot noise removing - Dynamic threshold - Gamma curve correction - Filtering - Threshold curve selection - Smoothing 2. Video Interface Board 3. Imprinter

As an ENERGYSTAR® Partner, Fujitsu has determined that this product meets the ENERGYSTAR® guidelines for energy efficiency. ENERGYSTAR is a U.S. registered mark.

Specifications are subject to change without notice. For the latest information, contact your local Fujitsu representative.
Second edition, September 2001



North American contact:
FUJITSU COMPUTER PRODUCTS OF AMERICA, INC.
2904 Orchard Parkway,
San Jose, CA 95134-2009, U.S.A.
Phone: (1-408) 432-6333 Fax: 894-1709
<http://www.fcpa.com/>

FUJITSU CANADA, INC.
2800 Matheson Boulevard East,
Mississauga, Ontario L4W 4X5, Canada
Phone: (1-905) 602-5454 Fax: 602-5457
<http://www.fujitsu.ca/>

European contact:
FUJITSU EUROPE LTD.
Hayes Park Central, Hayes End Road,
Hayes, Middlesex UB4 8FE, U.K.
Phone: (44-181) 573-4444 Fax: 573-2643
<http://www.fujitsu-europe.com/>

FUJITSU DEUTSCHLAND GmbH.
Frankfurter Ring 211,
80807 München, Germany
Phone: (49-89) 32378-0 Fax: 32378-100

FUJITSU ITALIA S.p.A.
Via Nazario Sauro, 38
20099 Sesto S. Giovanni (MI), Italy
Phone: (39-2) 26294-1 Fax: (39-2) 26294-201

FUJITSU NORDIC AB
Kung Hans Väg 12,
S-192 68 Sollentuna, Sweden
Phone: (46-08) 626-4500 Fax: 626-4588

FUJITSU ICL ESPAÑA, S.A.
Camino Cerro de los Gamos, 1
28224 Pozuelo de Alarcón
Madrid, Spain
Phone: (34-91) 784-9000 Fax: 784-9379

FUJITSU FRANCE S.A.
1, Place des Etats-Unis, SILIC 310,
94588 Rungis Cedex, France
Phone: (33-1) 4180-3880 Fax: 4180-3866

Australian contact:
FUJITSU AUSTRALIA LTD.
Fujitsu House 2 Julius Avenue
North Ryde N.S.W 2113 Australia
Phone: (61-2) 9776-4555 Fax: 9776-4019
<http://www.fujitsu.com.au/>

Asian contact:
FUJITSU HONG KONG LTD.
10F., Lincoln House, 979 King's Road,
Taikoo Place, Island East, Hong Kong
Phone: (852)2827-5780 Fax:2827-4724

FUJITSU KOREA LTD.
"CORYO FINANCE CENTER BLDG" 23-6,
YoulDo-Dong, Young DungPo-Gu,
Seoul, Republic of Korea
Phone: (82-2)3787-6000 Fax:3787-6029

FUJITSU ASIA PTE LTD.
20 Science Park Road #03-01, Tele Teck Park
Singapore Science Park II, Singapore 117674
Republic of Singapore
Phone: (65) 777-6577 Fax: 771-5499

FUJITSU TAIWAN LTD.
19th Fl., No.39, 1 Sec.
Chung-Hwa Rd., Taipei, Taiwan, R.O.C.
Phone: (886-2) 2311-2255 Fax: 2311-2277

FUJITSU (MALAYSIA) SDN. BHD.
7th Floor Wisma Damansara, Jalan Semantan
50490 Kuala Lumpur, MALAYSIA
Phone: (603)254-3644 Fax:253-3940

FUJITSU SYSTEMS BUSINESS (THAILAND) LTD.
12th Fl., Olympia Thai Tower,
444 Rachadapisek Road, Samsennok,
Huay Kwang, Bangkok 10320, Thailand
Phone: (662) 512-6066 Fax: 512-6068

PFU LIMITED

Image Products Sales Dept., Imaging Products Division, Products Group
Solid Square East Tower, 580 Horikawa-cho, Saiwai-ku, Kawasaki-city, Kanagawa 212-8563, Japan
Phone: (81-44) 540-4658 Fax: (81-44) 540-4639
<http://imagescanner.fujitsu.com/jp/index.html>

Corporate Headquarters
98-2, Nu, Unoke-machi, Kahoku-gun,
Ishikawa-ken 929-1192, Japan

©2001 FUJITSU LIMITED
Printed in Japan
2001.9 U-008 SHO-100K1