FUJITSU Printers

Evolving the multi-purpose
Dot Matix Printer **DL3100**

Top Recommendation

FUJITSU 24 Wire Dot Matrix Printer

DL3100

Evolving the multi-purpose dot matrix printer

- 24 wire dot matrix printer
- Achieves incredible reliabity
- Wide connectivity through different printer models
- Stylish compact design
- Amazing multi-copy capability

Specifications

Model Name		DL3100
Printing Technology		Bi-directional with logical seeking
Print Head		24 wire, Impact Dot Matrix
Printing columns (10cpi)		80 column
Speed	High Draft Quality	450cps (10cpi)
	Draft Quality	300cps (10cpi)
	Letter Quality	120cps (10cpi)
Resolution		360 x 360 dpi
Copy Ability		Original+6carbonless copies
Interface	USB	USB Ver.2.0 (TYPE B)
	Parallel	IEEE1284 Nibble Mode
	Serial	RS232C 25pin
	LAN	10BASE-T, 100 Base-TX , TCP/IP Protocol
Emulation		Fujitsu DPL24C PLUS, Epson ESC/P2, IBM 2390
Dimension (WxDxH)		369 x 283 x 146mm
Weight		Approx. 5.5Kg
Noise		Approx. 57dBA / 54dBA(Low noise mode)
Reliability	MTBF	20,000H(25% duty cycle)
	MTTR	0.34H
	Printer Life	5 million Line-Feed or 5 years
Print Head	Print Head Life	400million strokes (each wire)
Ink Ribbon	Ribbon Life (Black)	7 million characters (ANK Draft Quality)
Model		
Interface combination		USB
		USB+Parallel
		USB+Serial
		USB+LAN

Paper Path Options

Roll Paper Holder

Ribbon

DL3100 Ribbon unit

As a printer manufacturer since our founding, we provide products of reliable quality through an integrated system from design and manufacturing to sales. We offer a wide range of products to meet customer needs, from small printers such as label printers to large printers such as dot line printers.

Our company will firmly maintain the Fujitsu Group's raison d'etre in society: purpose. As One Fujitsu, we will continue to contribute to the realization of a safe, secure, and comfortable society with advanced technology and quality.

US > We will continue to contribute to the realization of Fujitsu's purpose by providing a stable supply of QCD platform products over the long term, while at the same time enriching the lives of our customers, employees and local communities.
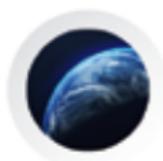
Building new possibilities by connecting people, technology and ideas, creating a more sustainable world where anyone can advance their dreams

Seven key focus areas achieving a sustainable world

Sustainable Manufacturing

Consumer Experience

Healthy Living

Trusted Society

Digital Shifts

Business Applications

Hybrid IT
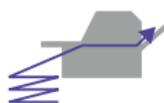
FUJITSU 24 Wire Dot Matrix Printer

DL7600Pro

Cut Sheet Feeder / Large Stacker (Optional)
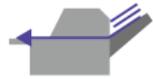
- Reliable, high speed performance
- Flat print structure with a variety of paper paths
- Eco Friendly
- Not containing Hazardous Substances
- Energy Star V3.0 Program and ErP Lot 6 framework

8 Paper Paths

Continuous Paper With Tractor
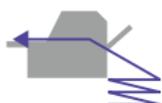
A sheet of paper with Cut Sheet Table and Rear Stacker

A stack of sheets with Cut Sheet Feeder and Rear Stacker(Cut Sheet Table necessary)

Specifications

Model Name		DL7600Pro
Printing Technology		Bi-directional with logical seeking
Speed	Super High Draft Quality	800cps (10cpi)
	High Draft Quality	720cps (10cpi),864cps (12cpi)
	Draft Quality	540cps (10cpi),648cps (12cpi)
	Report Quality	360cps (10cpi),432cps (12cpi)
	Letter Quality	180cps (10cpi),216cps (12cpi)
Resolution		360 x 360 dpi
Copy Ability		Original + 7carbonless copies
	at high impact mode	Original + 8 carbonless copies
Interface	Parallel	IEEE1284 Nibble Mode
	USB	USB Ver.2.0 (TYPE B)
	Serial	RS232C 25pin
	LAN(Optional card needed)	10BASE-T, 100 Base-TX , TCP/IP Protocol
Emulation		Fujitsu DPL24C PLUS, Epson ESC/P2, IBM XL24E
Printer Driver		Microsoft Windows Driver Available
Input Buffer		Max. 128KB
Dimension (WxDxH)		600 x 350 x 290mm (23.62 x 13.78 x 11.42inch)
Weight		Approximately 22Kg (48lbs)
Noise		59dBA / 55dBA(Sound Proof Cover)
Reliability	MTBF	20,000H(25%duty cyde)
	MTTR	0.5H
	Printer Life	7.5 million Line-Feed or 5 years
Print Head	Print Head Life	500million strokes (each wire)
		240million strokes(each wire) at high impact mode
Ink Ribbon	Ribbon Life (Black)	18 million characters (ANK Draft Quality)
Model		Parallel + USB Model (LAN Upgradeable)
		Parallel + RS232C Model

Paper Path Options

Various paper path options.

Tractor (Common to Rear & Front)

Large Stacker

Cut Sheet Feeder

Small Paper Table

Sound Proof Cover

Ribbon

DL7600Pro Ribbon unit

DL7600Pro Ribbon sub cassette (18 million characters)

FUJITSU 24 Wire Dot Matrix Printer

DL7400Pro

- Reliable, high speed performance
- Flat print structure with a variety of paper paths
- Eco Friendly
- Not containing Hazardous Substances
- Energy Star V3.0 Program and ErP Lot 6 framework

Specifications

Model Name		DL7400Pro
Printing Technology		Bi-directional with logical seeking
Speed	Super High Draft Quality	600cps (10cpi)
	High Draft Quality	505cps (10cpi),606cps (12cpi)
	Draft Quality	360cps (10cpi),432cps (12cpi)
	Report Quality	240cps (10cpi),288cps (12cpi)
	Letter Quality	120cps (10cpi),144cps (12cpi)
Resolution		360 x 360 dpi
Copy Ability		Original + 4carbonless copies
	at high impact mode	Original + 7 carbonless copies
Interface	Parallel	IEEE1284 Nibble Mode
	USB	USB Ver.2.0 (TYPE B)
	Serial	RS232C 25pin
	LAN(Optional card needed)	10BASE-T, 100 Base-TX , TCP/IP Protocol
Emulation		Fujitsu DPL24C PLUS, Epson ESC/P2, IBM XL24E
Printer Driver		Microsoft Windows Driver Available
Input Buffer		Max. 128KB
Dimension (WxDxH)		600 x 350 x 290mm (23.62 x 13.78 x 11.42inch)
Weight		Approximately 18.5Kg (40.8lbs)
Noise		59dBA / 55dBA(Sound Proof Cover)
Reliability	MTBF	20,000H(25%duty cyde)
	MTTR	0.5H
	Printer Life	7.5 million Line-Feed or 5 years
Print Head	Print Head Life	400million strokes (each wire)
		240million strokes(each wire) at high impact mode
Ink Ribbon	Ribbon Life (Black)	5 million characters (ANK Draft Quality)
Model		Parallel + USB Model (LAN Upgradeable)
		Parallel + RS232C Model

Paper Path Options

Various paper path options.

Tractor (Common to Rear & Front)

Large Stacker

Cut Sheet Feeder

Small Paper Table

Sound Proof Cover

Ribbon

DL7400Pro Ribbon unit

DL7400Pro Ribbon sub cassette (5 million characters)

FUJITSU 24 Wire Dot Matrix Printer

DL3850+

New Compact Design
High Quality · Silent Printing
Multi Interface

■New Compact Design
· New stylish design using 14% less space

■Silent
· Double panel cover helps to reduce noise

■Increased Print Speed
· 537 cps possible at HDQ

■Various interface available
· PARALLEL(IEEE1284),SERIAL(RS232C), USB(1.1), LAN(used through a network)

Specifications

Model Name		DL3850+
Printing Technology		Bi-directional with logical seeking
Print Head		24 wire, Impact Dot Matrix
Printing columns (10cpi)		136 column
Speed	Letter Quality	113cps(10cpi) ,135cps(12cpi)
	Report Quality	225cps(10cpi) ,270cps(12cpi)
	Draft Quality	360cps(10cpi) ,432cps(12cpi)
	High Draft Quality	448cps(10cpi) ,537cps(12cpi)
Resolution		360x360dpi(Maximum Graphics Resolution,Under ESC/P Emulation only)
Copy Ability		Original+4 copies
Interface	Parallel	IEEE1284 Nibble Mode
	USB	USB Ver.1.1 TYPE B
	RS232C	RS232C(25pin)
	LAN(Optional card needed)	10BASE-T, 100 Base-TX , TCP/IP Protocol, Ethernet Print Server
Emulation		Fujitsu DPL24C PLUS, Epson ESC/P2, IBM † XL24E,
Input Buffer		Max. 128KB
Dimension	(WxDxH)	570x330x120mm(22.4x13.0x4.72inch)
Weight		Approximately 9.7Kg(19lbs)
Noise		49dBA
Reliability	MTBF	20,000H(25%duty cyde)
	MTTR	0.3H
	Printer Life	7.5 million Line-Feed or 5 years
Option		RS232C I/F Board
		LAN Card
Print Head	Print Head Life	400million strokes(each wire)
Ink Ribbon	Ribbon Life (Black)	5 million characters
Model		Parallel Model (RS232C Upgradeable)
		Parallel + USB Model(LAN Upgradeable)
		Parallel + RS232C Model

Ribbon

Ribbon unit

Ribbon sub cassette
(5 million characters)

FUJITSU 24 Wire Dot Matrix Printer

DL3750+

New Compact Design
High Quality · Silent Printing
Multi Interface

■New Compact Design
· New stylish design using 14% less space

■Silent
· Double panel cover helps to reduce noise

■Increased Print Speed
· 480 cps possible at HDQ

■Various interface available
· PARALLEL(IEEE1284),SERIAL(RS232C), USB(1.1), LAN(used through a network)

Specifications

Model Name		DL3750+
Printing Technology		Bi-directional with logical seeking
Print Head		24 wire, Impact Dot Matrix
Printing columns (10cpi)		80 column
Speed	Letter Quality	113cps(10cpi),135cps(12cpi)
	Report Quality	225cps(10cpi),270cps(12cpi)
	Draft Quality	360cps(10cpi),432cps(12cpi)
	High Draft Quality	400cps(10cpi),480cps(12cpi)
Resolution		360x360dpi(Maximum Graphics Resolution,Under ESC/P Emulation only)
Copy Ability		Original+4 copies
Interface	Parallel	IEEE1284 Nibble Mode
	USB	USB Ver.1.1 TYPE B
	RS232C	RS232C(25pin)
	LAN(Optional card needed)	10BASE-T, 100 Base-TX , TCP/IP Protocol, Ethernet Print Server
Emulation		Fujitsu DPL24C PLUS, Epson ESC/P2, IBM † XL24E,
Input Buffer		Max. 128KB
Dimension	(WxDxH)	415x330x120mm(16.3x13.0x4.72inch)
Weight		Approximately 7.3Kg(16lbs)
Noise		49dBA
Reliability	MTBF	20,000H(25%duty cyde)
	MTTR	0.3H
	Printer Life	7.5 million Line-Feed or 5 years
Print Head	Print Head Life	400million strokes(each wire)
Ink Ribbon	Ribbon Life (Black)	5 million characters
Model		Parallel Model (RS232C Upgradeable)
		Parallel + USB Model(LAN Upgradeable)
		Parallel + RS232C Model

Ribbon

Ribbon unit

Ribbon sub cassette
(5 million characters)

Wire Dot Matrix Print Head

High speed
Our print heads are adapted the mechanism of 24pins × 2 layers. Those print heads provide high speed printing by own control regulation method.

Compact
Our print heads are adapted clapper method (Suction type). Adapting Clapper method and 24pins × 2 layers structure make print heads compact and high speed printing.

Model	24SP (24pins)	24LGZ (24pins)
Wire Diameter	Φ 0.2mm	Φ 0.2mm
Frequency	1,500 Hz	1,810 Hz
Life	300 million	300 million
Copy Ability	1 + 4 P	1 + 4 P
Feature	More Light & Compact Body Special Plastic Nose Low Price Easy mounting on Carriage (Screwless)	Light & Compact Body Low Price Easy mounting on Carriage (Screwless)

Model	48HGZ (48pins)	24PB (24pins)
Wire Diameter	Φ 0.2mm	Φ 0.2mm (ø0.25mm)
Frequency	3,780 Hz	1,810 Hz
Life	500 million	300 million
Copy Ability	1 + 8 P	1 + 4 P
Feature	High-speed Print High Copy Ability Heavy Duty High Cost-performance	Light & Compact Body Gap roller attachment for passbook printing Easy mounting on Carriage (Screwless)

High copying

We prepare line ups print heads for various types of copying pappers in many business operations, and we can provide up to the high copying print heads which can print max 9 papers (original +8papers).

Low-noise

The noise level is decreased because of own 6 pins lines and rhombus array of print heads pins. Those pins array help to deploy coinstantaneous impact of print heads pins. Therefore, the noise level is decreased.

Model	24MGZ (24pins)	24HGZ (24pins)
Wire Diameter	Φ 0.2mm	Φ 0.2mm
Frequency	2,160 Hz	2,970 Hz
Life	300 million	300 million
Copy Ability	1 + 7 P	1 + 8 P
Feature	Light & Compact Body Low Price High Copy Ability Easy mounting on Carriage (Screwless)	High-speed Print High Copy Ability Heavy Duty High Cost-performance

Model	24PBE (24pins)
Wire Diameter	Φ 0.2mm
Frequency	1,500 Hz
Life	300 million
Copy Ability	1 + 4 P
Feature	High speed print head with Gap Roller attachment for passbook printing. Easy mounting carriage(Screwless)

Supply

Consumables list

Dot Printer

Product name	Ordering No.	DL3100	DL3700Pro	DL3800Pro	DL3750+	DL3850+	DL6400Pro	DL6600Pro	DL9300	DL9400	DL7400	DL7600	DL7400Pro	DL7600Pro	REMARKS
PRINT HEAD	CA02281-E718				✓	✓									
	KA02033-E660												✓		Head pin diameter 0.21mm
	KA02046-D422													✓	Head pin diameter 0.21mm
	KA02100-0828	✓													
PRINTER RIBBON	KA02004-C801		✓	✓	✓	✓			✓	✓	✓				BLACK / STANDARD (FJ BRAND)
	KA02086-C802		✓	✓	✓	✓			✓	✓	✓		✓		BLACK / PREMIUM (FJ BRAND), Keying ribbon
	KA02086-C872		✓	✓	✓	✓			✓	✓	✓		✓		BLACK REPLACEMENT (ribbon only, no cartridge) for KA02086-C801 only
	CA02460-D115						✓	✓							BLACK / STANDARD (FJ BRAND)
	CA02460-D215						✓	✓							BLACK REPLACEMENT(FJ BRAND, ribbon only, no cartridge)
	KA02087-D811												✓	✓	BLACK (FJ BRAND), Keying ribbon
	KA02087-D881												✓	✓	BLACK REPLACEMENT(FJ BRAND, ribbon only, no cartridge) for KA02087-D811 only
	KA02100-0201	✓													BLACK / STANDARD (FJ BRAND)

Copyright and disclaimer

2024

1

SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

2

SUN	MON	TUE	WED	THU	FRI	SAT
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29		

5

SUN	MON	TUE	WED	THU	FRI	SAT
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

6

SUN	MON	TUE	WED	THU	FRI	SAT
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23/30	24	25	26	27	28	29

9

SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

10

SUN	MON	TUE	WED	THU	FRI	SAT
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

3	SUN	MON	TUE	WED	THU	FRI	SAT
						1	2
	3	4	5	6	7	8	9
	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24/31	25	26	27	28	29	30

4	SUN	MON	TUE	WED	THU	FRI	SAT
		1	2	3	4	5	6
	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28	29	30				

7	SUN	MON	TUE	WED	THU	FRI	SAT
		1	2	3	4	5	6
	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28	29	30	31			

8	SUN	MON	TUE	WED	THU	FRI	SAT
					1	2	3
	4	5	6	7	8	9	10
	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28	29	30	31

11	SUN	MON	TUE	WED	THU	FRI	SAT
						1	2
	3	4	5	6	7	8	9
	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	29	30

12	SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
	29	30	31				

Fujitsu Worldwide

Please send your comments on this manual or on
Fujitsu products to the following address:

Australian Contact:
Fujitsu Australia Ltd.
https://www.fujitsu.com/au

Asian Contact:
Fujitsu Hong Kong Limited
https://www.fujitsu.com/hk/

Fujitsu Business Technologies Asia Pacific Limited
https://www.fujitsu.com/hk/

Fujitsu Korea Ltd.
https://www.fujitsu.com/kr/

FUJITSU Taiwan Ltd.
https://www.fujitsu.com/tw/

Fujitsu (Thailand) Co., Ltd.
https://www.fujitsu.com/th/

Fujitsu Asia Pte.Ltd.
https://www.fujitsu.com/sg/

Fujitsu Philippines, Inc.
https://www.fujitsu.com/ph/

Fujitsu (Malaysia) Sdn.Bhd.
https://www.fujitsu.com/my/

PT. Fujitsu Indonesia offices
https://www.fujitsu.com/id/

Fujitsu Vietnam Ltd.
https://www.fujitsu.com/vn/en/

Partner Contact

Americas, European, META：
PRINTRONIX LLC.
www.printronix.com

Koren Contact:
JEIL PRECISION PRINTER CO., LTD
http://www.jep21.com

FUJITSU ISOTEC LIMITED

Rev.03 2023 12