

# Label and Ticket Printer

## FP-32L



Ultra High Speed, max.260mm/sec.  
Roll & Fanfold Paper, max.83mm Paper Width.  
Compact and Splash-proof design.

### ● High Speed printing "Max.260mm/sec"

### ● High reliable mechanism

FP-32L conforms to the strict Fujitsu quality standard.  
FP-32L helps your stable operation.

■ **Cutter Life: 1million cuts (Die-cut label)**

■ **Print head Life: 150 km**

The head has the high quality overcoat.

■ **MCBF 70 million lines**

■ **Approval of ISO 9001**

FIT obtains the approval of ISO 9001.



### ● Compact and Splash-proof design

FP-32L is applied IEC 60529 (Level2)

by Splash-proof structure.

FP-32L can be used even wet environment like kitchen.



### ● Drop-in Paper Set

Paper set is drop-in setting.

Just throw the paper inside of the printer.

### ● Flexible printer for;

#### ■ "Fanfold Paper"

FP-32L can print large amount of papers in various situations smoothly.  
[Example: Logistics or Manufacturing, etc.]



<FP-32L with fanfold paper>

FP-32L can print various length of tickets or labels with Reflective and Transmissive paper sensors.

#### ■ "Big roll paper"

"Roll Paper Unit"(option)  
can help to print for roll paper with big diameter up to 200mmΦ.



<FP-32L with roll paper unit>

# FUJITSU FP-32L Specifications

Print Method	Direct Line Thermal Recording Method		
Print Resolution	8dot/mm (203 dpi)		
Print Speed	Up to 260mm/second (69 lps) *1 (58 ~ 83mm paper width)		
One color	Up to 140mm/second (37 lps) *1 (38 ~ 57mm paper width)		
Two color	Up to 80mm/second (21 lps) *1 (25.4 ~ 37mm paper width)		
Line feed	3.75mm (Standard), Programmable 0 ~ 900mm		
Paper Feed-out Direction	Front feed out		
Auto cutter	Full-cut cutter (Standard)		
Auto cutter position	12mm(Standard) or Programmable 1.5mm distance between cutter and top of form		
Paper specification	Paper thickness 75µm(0.075mm) ~ 150 µm(0.150mm)		
Roll diameter	Up to φ102mm (Paper thickness : 75 ~ 150µm)		
Maximum Print Width	25.4mm width paper 20mm(160dots)		
70mm width paper	64mm(512dots)		
80mm width paper	64mm(512dots) or 72mm(576dots)		
83mm width paper	80mm(640dots)		
Column and Character	25.4mm width paper Font A(13 column), Font B(16/17 column), Font C(20 column)		
70mm width paper	Font A(42 column), Font B(51/56 column), Font C(64 column)		
80mm width paper	Font A(42 or 48 column), Font B(51/56 or 57/64 column), Font C(64 or 72 column)		
83mm width paper	Font A(53 column), Font B(64/71 column), Font C(80 column) *2		
Character set *2	1byte Alphanumeric character(95 char.), Extended graphics(128 char.×20 pages(including user-defined page)), International character(16 sets), Download character(95 char.)		
2bytes	JIS1&2 Kanji(6879 char.) JISX0208-1990, User-Defined Character(94 char.), Special Characters(845 char.)		
Barcode	One dimension UPC-A, UPC-E, EAN8, EAN13, CODE39, ITF(Interleaved Two of Five code), CODABAR(NW-7), Code 93, Code 128, GS1-DataBar(RSS), EAN-128(GS1-128)		
Second dimension	PDF 417, DataMatrix, Maxi code, QR code		
Logo Store	3Mbit (384K byte)		
Input voltage	+24VDC±10%		
Power Consumption	Standby: 4.5W/0.2A, Operating: Average 44W/1.5A		
Paper near end and Paper end sensor	Horizontal usage(Standard)		
Reflective paper sensor for Black mark	Standard		
Transmissive paper sensor for Die-cut label and notch	Standard		
Buzzer	One buzzer (Standard)		
Peripheral Drive Circuit	1 port, 2 circuits, Max.1A		
Safety and EMC Standard	CSA, UL, TUV, CE mark, CCC, VCCI class A, FCC class A, EN55022 class A (Depend on models)		
Dimensions	128mm(W) x 207mm(D) x 145mm(H)		
Wight	Approx. 1.9 kg		
Interface	RS232C I/F RS232C with Power supply (D-SUB 25 pins)		
USB I/F	USB2.0 Full speed (Type-B x 1port) and Type-A x 2 ports		
Parallel I/F	Centronics IEEE-1284 Nibble Mode Compliance (Anphenol 36 pins)		
RS232C + USB I/F	RS232C(D-SUB 9 pins) + USB2.0(Full speed) (Type-B x 1port)		
LAN I/F	10 BASE-T/100BASE-TX (RJ-45 x 1port)		
Printer Driver	Windows Server® 2019/Windows Server® 2016/Windows® 10/Windows Server® 2012 R2/Windows® 8.1/Windows Server® 2012/Windows® 8/Windows Server® 2008 R2/Windows® 7, Windows Server® 2008, Windows Vista®, Windows Server® 2003/Windows® XP, Windows Embedded for Point of Service (WEPOS)/WEPOS Ready 2009/WEPOS Ready 7 *3		
Software Interface	ESC/POS(TM)		
Reliability	Printer 70 million lines (MCBF) *1		
Print head	150km (One color), 75km (Two color) *1		
Cutter	2 million cuts (Paper thickness 75µm) *1, 0.5 million cuts(Paper thickness 150µm) *1, 1 million cuts (Die-cut label) *1, 1 million cuts / (Cont. label with cleaning) *1		
Operating condition	Temperature 0°C ~ 40°C		
Humidity	10% ~ 95%RH (without condensation, Highest wet bulb temperature:29°C or less)		
Storage condition	Temperature -20°C ~ 60°C		
Humidity	5% ~ 95%RH (without condensation)		
RoHS and FUJITSU Environment Assessment	Standard		
Options	1) Roll paper unit (Max.φ200mm) with Paper Near End sensor 2) Roll paper unit (Max.φ200mm) without Paper Near End sensor		

# Features

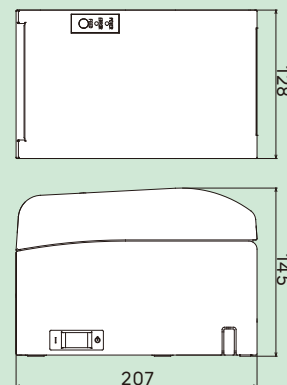
- One touch cover open, Drop-in a roll paper, Ultra high speed printing max.260mm per second
- Reflective&Transmissive paper sensors standard
- Various paper support  
Paper width : 25.4~83mm  
Thickness : 75~150µm  
Diameter : max.φ102mm, max.φ200mm(with option unit)
- Two color printing
- Splash-proof design IEC 60529(Level2)Conformance
- Auto-cutter standard
- Buzzer standard
- PDF417, DataMatrix, MaxiCode
- High reliability  
Printer : 70 million lines(MCBF)  
Print head : 150km  
Cutter : 2million cuts
- RoHS & FUJITSU Super Green Product

# Option (Roll paper unit)



\*FP-32L with Roll paper unit

# Dimensions (mm)



\*1 Based on FUJITSU measurement and quality standards.  
All specifications are subject to change without notices.  
\*2 Depending on Language specification

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JMI-0046



**SUPER** Green Product