

# FUJITSU FP-32L

*Direct Thermal Label & Ticket Printing*

*Ultra High Speed, max.260mm/sec*

*Roll & Fanfold Paper, max.83mm Paper Width*

*Compact and Splash-proof design*

*FUJITSU Super Green Product*



FUJITSU



# FUJITSU FP-32L Specifications

Print Method	Direct Line Thermal Recording Method
Print Resolution	8dot/mm (203 dpi)
Print Speed	
One color	Up to 260mm/second (69 lps) *1 (58 ~ 83mm paper width) Up to 140mm/second (37 lps) *1 (38 ~ 57mm paper width) Up to 80mm/second (21 lps) *1 (25.4 ~ 37mm paper width)
Two color	Up to 115mm/second (30 lps) *1
Line feed	3.75mm (Standard), Programmable 0 ~ 900mm
Paper Feed-out Direction	Front feed out
Auto cutter	Full-cut cutter (Standard) Programmable Partial-cut and Full-cut cutter (Factory option)
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)
Character set	
1byte	ANK(95 char.), International Character(48 char.), Enlarged Graphics(128 char. X 20 pages), 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:3W/0.1A, 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® 2000, Windows Server® 2003, Windows Server® 2008, Windows® XP, Windows Vista®, Windows®7, Windows Server® 2008 R2 OPOS (V1.10 compliance)
Software Interface	Standard ESC/POSTM
Reliability	
Printer	70 million lines (MCFB) *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	Roll paper unit (max.φ200mm)

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

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## Features

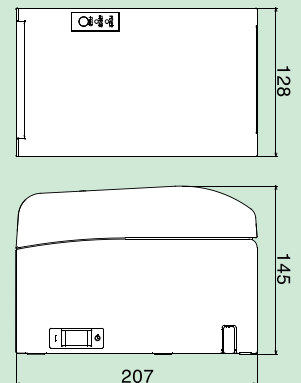
- One touch cover open, Drop-in a roll paper, Ultra high speed printing max.260mm per second
- Reflective&Transmissive paper sensors standard
- Various paper support  
Paper width : 25.4~83mm  
Thickness : 75~150µm  
Diameter : max.φ102mm, max.φ200mm(with option unit)
- Two color printing
- Splash-proof 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)



**SUPER** Green Product