

## TM-U220II

Kitchen and Receipt Impact Printer



**Durable kitchen and receipt printer supports mPOS and PC-POS systems.**

**Engineered for reliability** — proven robust enclosure and long component lives; backed by a 2-year limited warranty

**mPOS and PC-POS support** — compatible with mobile devices and traditional POS systems

**Two-colour printing** — highlight order exceptions with black and red for clear identification

**Web print capable** — print orders from web browser apps integrating EPSON's ePOS-Print technology

**Resilient prints** — impact printer paper stands up to heat and moisture to remain legible

**Flexible installation** — wall-mount options with right-side up printing for easy reading in all orientations

**Comprehensive performance** — crisp printing up to 6 lps equipped with partial-cut auto cutter to avoid losing printed orders

**Buzzer compatibility** — never miss orders by adding Epson's buzzer option alerting kitchen staff of incoming orders

**Multi-language support** — models supporting Thai, Vietnamese, Traditional Chinese and Simplified Chinese printing.

## Print

**Printing Method** 9-pin, serial impact dot matrix

### Print Speed

Up to 8.8 lps (16 columns per line, 16 cpi)  
Up to 6.0 lps (30 columns per line, 16 cpi)  
Up to 4.7 lps (40 columns per line, 16 cpi)

## Print Fonts

**Print Fonts (Name, Structure [W x H dots], Size [mm], Horizontal Dot Spacing, Max. Columns Per Line [cpl])**

ANK Font A, 9 x 9 dots, 1.6 mm x 3.1 mm, 3 half dots, 33 cpl  
ANK Font A, 9 x 9 dots, 1.6 mm x 3.1 mm, 2 half dots, 35 cpl  
ANK Font B, 7 x 9 dots, 1.2 mm x 3.1 mm, 3 half dots, 40 cpl  
ANK Font B, 7 x 9 dots, 1.2 mm x 3.1 mm, 2 half dots, 42 cpl  
Kanji, 16 x 16 dots, 2.7 mm x 2.7 mm, 1 or 2 dots, 22 cpl

### Character Sets

95 alphanumeric characters, 16 international sets,  
128 x 12 graphic, Traditional Chinese (Big5), Simplified Chinese (GB18030-2000), Thai (128 x 7 page), Vietnamese.

## Media Handling

### Media Dimensions

76.0 ± 0.5 mm/69.5 ± 0.5 mm/57.5 ± 0.5 mm (width) x 83 mm (roll diameter)

**Paper Thickness** 60 µm – 85 µm

**Carbon Paper Copy Capacity** One (1) original and one (1) copy

### Ribbon Life

ERC-38B; up to 4,000,000 characters  
ERC-38BR; up to 1,500,000 characters (black), up to 750,000 characters (red)

## Connectivity

### Interfaces

USB, Ethernet, Serial,

**Communication Protocols** ESC/POS®, ePOS-Print Service (Ethernet/Wireless), **Easy Setting Tool** TM-U220II Utility (Windows®)

## General

### Data Buffer

Receive: 4KB or 40Bytes, selectable  
NV Graphics: 128KB (maximum)  
NV User: 8KB (maximum)

**Development Kit** ePOS SDK (Android®, iOS®), OPOS ADK (Windows), JavaPOS ADK (Windows, Linux®), OPOS ADK for .NET (Windows)

**Drivers** Epson Advanced Printer Driver (APD), Linux Printer Driver

**Software** TM-U220II Utility (Windows), Monitoring Tool

**LED Indicators** Power, Paper, Error

**Sensors** Paper-End, Near-End (factory option), Cover Open

**DKD Function** Yes

**Mean Power Consumption** Operating: 24.7 W; Standby: 1.2 W

**Power Supply** Adapter C1

**Power Source** 24 VDC ± 7%

**Dimensions (W x D x H)**

160 mm x 248 mm x 138.5 mm

### Weight

Approx. 2.5 kg

**Case Color** Dark Gray (EDG)

**Standards and Approvals** EMI FCC Class A, ICES-3 (A)/NMB-3 (A), cTUVus

## Eco Features

Power-Saving Mode

RoHS compliant

End-of-life options available<sup>2</sup>

## What's Included

TM-U220II, roll paper (starter roll for testing), User Manual, ERC-38BR ribbon cassette, AC adapter and AC cord

## Warranty

2-year limited; optional extended service plans available

## Epson CoverPlus<sup>3</sup>

1-Year Extended Warranty	1YWU220
2-Year Extended Warranty	2YWU220
3-Year Extended Warranty	3YWU220

## Ordering Information

Printer Model	Interface	Power Supply	Color	Part Number
TM-U220IIB-302	Serial	Included	EDG	C31CL27302
TM-U220IIB-422	USB	Included	EDG	C31CL27422
TM-U220IIB-432	Ethernet	Included	EDG	C31CL27432

### Accessories

Power Supply Cover (OT-BX220)	C32C814612
Wall-Hanging Bracket (WH-10)	C32C845040
Wireless USB Adapter (OT-WL06)	C32C891321
External Buzzer (OT-Z20)	C32C890634

<sup>1</sup> Requires an Internet network connection. | <sup>2</sup> For convenient and reasonable recycling options, visit [www.epson.com/recycle](http://www.epson.com/recycle) | <sup>3</sup> Product comes with 2-year limited warranty with the option to purchase extended service plans up to a total of 5 years of continuous coverage.

See the latest innovations from Epson Business Solutions at [www.epson.com/forbusiness](http://www.epson.com/forbusiness)

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