

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 available²

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 CoverPlus³

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

¹ Requires an Internet network connection. | ² For convenient and reasonable recycling options, visit www.epson.com/recycle | ³ 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

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