

Fiscal Printer

FP20 Online PRO

Product sheet



FP20 Online PRO Fiscal Printer

- **Modern graphic display** in free-standing and integrated options.
- Can be operated **vertically and horizontally** (for free-standing and OLED displays).
- Protected memory is not required **for the lifetime of the printer**.
- The printer **is compatible with previous models** offered by Exorigo-Upos (it uses the same JPOS/MF2/OPOS libraries).
- Handling **of Eco paper min. Blue4est**.
- Very **long life mechanism**.
- Possibility to enable **automatic printing of graphics before the header**, separately for fiscal and non-fiscal printouts. This does not require any changes on the cash system side.
- **Instant paper roll** replacement.

Basic data

Dimensions [W/H/D] in mm	movement itself: width 140 depth 200 h 145 integrated alphanumeric: width 165, depth 226 h 245 or 415 integrated graphic: width 175, depth 230 h 280 or 450
Weight (without paper) in kg	2.5 kg (integrated display, paperless)
Color	Black
Ability to work vertically or horizontally	Yes
Operating temperature [°C] (range from - to)	5°C - +45°C
Operating humidity [%]	10% - 60% (non-condensing)
Power supply	230V Mains – battery, external power supply +24V DC, 1.5 A
Power Consumption	Maximum: 48W Type: 33W Standby: 5W
Power Cable Length (Total)	300 cm (incl. power supply, can be corrected with mains cable)
Protected memory	32GB
CPU Specification	Processor 792MHz, RAM 512MB, eMMC memory 16GB
System	Linux

Printing mechanism

Print Type	Thermal
Manufacturer	EPSON TM-T20
Paper Parameters	width 79.5 +/- 0.5mm, Maximum roll diameter 83mm (length depends on granulation and core diameter). The mechanism allows the use of eco-friendly papers.
Movement Noise (dB)	55 dB
Print speed (lines/sec)	47 l/s
Maximum number of characters in a line	64
Print engine life [million lines]	15 million
Print head life (km)	150 km
Paper cutter	no cutting, total cutting, partial cutting, controlled by cash register software during a single print or automatic
Maximum number of paper cut-offs	1.5 million
Easy loading	Yes

Display for the customer

Display Type	Built-in / Freestanding / Mountable in self-checkout devices
Display Type	Graphic/Alphanumeric/OLED (only for installation in SCO devices)
Backlight color	Alphanumeric HoneyOLED White
Number of rows for alphanumeric displays	2
Number of rows for graphic display	4 Trading Lines + Summary
Number of characters in a line	Alphanumeric 20 charactersOLED 20 charactersGraphic 800x480 7", 28 characters

Connectors

Communication with the cash register system	RS232, USB-B, ETH
---	-------------------

Communication with the systems of the Ministry of Finance	ETH
---	-----

Money drawer control	Yes
----------------------	-----

Other connectors	USB-A
------------------	-------

Keyboard

Keyboard Type	mechanical
---------------	------------

Number of keys	2
----------------	---

Money and document drawer

Power supply	Max 24V/1A
--------------	------------

Control via fiscal printer	Yes
----------------------------	-----

Fiscal Printer Software

Number of daily reports	2100
-------------------------	------

Multi-currency	Yes
----------------	-----

Buyer's tax identification number on the receipt	Yes
--	-----

Fiscal invoice	Yes
----------------	-----

Graphic Logo	Yes
--------------	-----

Text footer	Yes
-------------	-----

Text footer - quantity	up to 35
------------------------	----------

Graphic footer	Yes
----------------	-----

Printable 1D or 2D barcode	Yes
Number of programmable graphics Printable	8 (512x511-pixel graphics) can be replaced during operation.
Number of goods	350 thousand
Number of PTU Rates	7
Number of cashiers	Unlimited
Recall on the mandatory periodic review	Yes
e-Receipt – possibility of sending to the client's server	Yes
e-Receipt – service HUB of the Ministry of Finance	Yes
e-Receipt – shipping via the sales/central system	Yes, the possibility of transferring data to one of the two servers
Device Network Configuration (Static)	Ability to enter a fixed IP address, Masks, gateways, DNS
Time server configurable	yes (GUM server recommended)