

EPSON® TM-J7000 series



*Versatile, efficient inkjet printers
for the Point of Sale*

- Produce crisp, 2-colour receipts with high-resolution graphics
- Print and validate customer cheques in seconds, with no jams
- Keep transaction times to a minimum with fast ink-jet printing
- Reduce printing noise at the checkout
- Permanent print on plain paper

EPSON TM-J7000 series

Specifications

Print Method

- TM-J7000 + TM-J7600
64 nozzle serial inkjet
- TM-J7100 + TM-J7500
2 x 64 nozzle serial inkjet

Print Density

- 180 x 180 dpi (text)

Print Font

- 12 x 24 / 9 x 17
- Column capacity 82.5mm: 42 / 56
76mm: 40 / 53
70mm: 36 / 48
58mm: 30 / 40
135.6mm: 80 / 106
- Character size 1.41 (W) x 3.39 (H)
0.99 (W) x 2.4 (H)mm
- Character set ASCII, WPC1252,
PC437, PC850,
PC852, PC858,
PC860, PC863,
PC865, PC866
- Custom Graphic Barcode
UPC-A,
UPC-E, EAN8,
EAN13, 2 of
5 (ITF), Code39,
Code93, Code128,
CODABAR (NW7)
PDF 417
- Characters per inch 15cpi (Font A)
20cpi (Font B)

Autocutter

- Partial cut

Interface

- RS-232, Bi-directional parallel
Option: RS-485, USB, Ethernet,
IEEE 802.11b

Data Buffer

- Receive buffer 4 KB or 45 bytes

Print Speed

- Character: 14.3 lps (8 lines / inch)
Graphic: 43mm / sec. (76mm width
paper, Full columns print)
- Character: 16.4 lps (8 lines / inch)
Graphic: 50mm / sec (57.5mm width
paper, full columns print)

Paper Dimensions

- 57.5 ± 0.5mm, 69.5 ± 0.5mm,
76 ± 0.5mm, 82.5 ± 0.5mm,

Paper Weight

- 52.3 - 64 g/m²

Paper Thickness

- 0.06 to 0.09mm (Receipt)
- 0.09 to 0.20mm (Slip)
- 0.09 to 0.13mm (Endorsement)

Ink Cartridge

- TM-J7000 + TM-J7500 SJIC8 black
- TM-J7100 + TM-J7600 SJIC6 black
SJIC7(R) red
SJIC7(G) green
SJIC7(B) blue

Ink Life

- TM-J7000 + TM-J7500 = 20,000,000
characters (mono)
- TM-J7100 + TM-J7600 = 15,000,000
characters (2 colours)

Power

- 24 VDC ± 10%

Power consumption

- Approx. 0.5 A (operating)

D.K.D. Function

- 2 drivers

Reliability

- MTBF 180,000 hours
- MCBF 50,000,000 lines

Overall Dimensions

- 195(W) x 237(D) 188(H)mm
(TM-J7000 + TM-J7100)
- 251(W) x 237(D) x 188(H)mm
(TM-J7500 + TM-J7600)

Mass

- Approx. 4.4kg (TM-J7000 + TM-J7100)
- Approx. 4.9kg (TM-J5900 + TM-J7600)

EMC Standards

- CE marking EN55022 class B
- CE marking EN55024

Power supply (external)

- PS-180

Safety Standards

- UL, CSA, TÜV (EN60950)



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Specification subject to change.
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Your EPSON TM-J7000 series supplier is:



With a superior combination of speed, quality and flexibility, the EPSON TM-J7000 Series is one of the world's most advanced ranges of multi-function PoS printers. While giving you the opportunity to use graphics and colour to make a real impression on your customers, the printers are also cost-effective and extremely easy to use.

Quiet, sharp images, 2-colour capability, easy to use - the TM-J7000 Series receipt and cheque printers use advanced inkjet technology which has been designed specifically for the Point of Sale. The ideal solution for any retail environment, including supermarkets, convenience, fashion and hospitality, the printers enable you to take your receipts into another dimension with colour, high-resolution graphics and barcodes; without compromising on speed or reliability.

- **Fast inkjet receipt-printing**
- **Sharp, high quality colour**
- **High resolution graphics and barcodes**
- **Compact and elegant**
- **Prints on plain paper**
- **Wide format options**
- **Jam-free, single-insertion cheque-printing**

Speed

The TM-J7000 Series offers the fastest printing speed in its class - up to 16 lines of text per second. You can also print complex graphics, barcodes and coupons at up to 50mm per second. All of which enables you to keep customer waiting times to a minimum and further enhance service.

Sharp logos and graphics

All printers in the Series use EPSON's proven SEAJet printing technology, the most advanced currently available at the Point of Sale. Featuring a precision nozzle which produces a very high concentration of uniform dots, the result is sharp, easy-to-read graphics, barcodes and text.

What's more, the result is permanent so the receipt - and your message - will not fade over time or when exposed to high temperatures.

Unsurpassed colour printing

The TM-J7000 Series produces high-resolution 2-colour printing, which is unmatched by comparable products. This means you can fully differentiate your service at the Point of Sale with attractive and eye-catching receipts, featuring bright, high impact, colour logos, coupons and advertisements.



Easy paper load



Quick ink cartridge change

Single-insertion cheque-printing

The TM-J7000 Series enables you to print and endorse cheques in as little as 12 seconds, thanks to its sophisticated single-insertion system, which combines high-speed MICR reading, cheque-printing and endorsement.

It's fast, simple and, because there's no need to flip the cheque, it's virtually error free - even when presented with cheques which have been folded or crumpled.

Ease of use

The TM-J7000 Series boasts easy-to-use features, which ensure fast, smooth and reliable operation in even the most demanding environments. In addition to a front-loading system, which allows both paper roll and ink cartridges to be changed quickly, these include ink near-end detectors and an operations panel which is conveniently located at the front of the printer and is clear and simple to understand, even for inexperienced operators.

Excellent connectivity

A wide range of interface options ensures the TM-J7000 is compatible with today's best of breed and component-based systems.

As well as high-speed serial, parallel, Ethernet and USB ports, an IBM interface means the TM-J7000 can be used as a simple drop-in replacement for your existing legacy printer or as the first stage in a full system upgrade.

Low total cost of ownership

With an autocutter life of 1.5 million cuts and an MCBF of 50 million lines, the TM-J7000 Series is more reliable than other inkjet printers for the Point of Sale.

In addition, the printers' long-life ink cartridges are capable of producing up to 20 million characters (up to 15 million for 2-colour printing), making it exceptionally efficient for Point of Sale use. Maintenance is also simplified thanks to its built-in counter, which monitors print functions.

TM-J7000 series

Model	2-colour capability	Wide slip-printing	Standard slip-printing	Print characters
TM-J7000			81mm print width	48 - 72
TM-J7100	Yes		81mm print width	48 - 72
TM-J7500		135.6mm print width		80 - 106
TM-J7600	Yes	135.6mm print width		80 - 106

