



The Epson M-T500II Series is a super-fast thermal printer mechanism from Europe's leading point-of-sale printer manufacturer*. Designed for integration into kiosks, ATMs and ticket machines, the M-T500II Series ensures customers are served quickly with a print speed of up to 250mm/sec for text and graphics.

The M-T500II Series is built to provide reliable operation under heavy usage, with a printer life of 15 million lines and a MCBF of 37 million lines. As Epson has been a global leader in printing for 40 years, with a level of service and support that's second to none, kiosk manufacturers can depend on the M-T500II Series' performance.

When used in conjunction with Epson's BA-T500II Series control board, the printer's new paper jam sensor prevents paper from winding around the paper feed rollers for trouble-free printing. The BA-T500II Series' circuits and firmware are designed specifically for the M-T500II series for optimised printing control.

As the M-T500II Series is the same size and shape as its predecessor, the M-T500 Series, upgrading is straightforward. Upgrading the control board is also easy, as the BA-T500II Series shares commands with its predecessor, the BA-T500 Series.

Combining the M-T500II Series with the BA-T500II Series allows maximum indoor and outdoor placement flexibility. The BA-T500II Series has a wide operating temperature range of minus 20 to 60 degrees Celsius. Its compact design enables it to be mounted in a variety of positions, and makes it suitable for use in slim kiosk units.

KEY FEATURES

- Super-fast thermal printing at up to 250mm/sec for texts and graphics
- Support paper widths from 58 to 82mm
- Reliable operation with a MCBF of 37 million lines
- Paper jam sensor for trouble-free printing (when used in conjunction with Epson's BA-T500II Series control board)
- Same size as M-T500 Series for easy replacement or upgrade

CONSULTING DISTRIBUTOR



POHL

POHL Electronic GmbH
Eduard-Maurer-Straße 11a • 16761 Hennigsdorf
Tel. +49 3302 81893-0 • Fax +49 3302 81893-99
www.pohl-electronic.de • info@pohl-electronic.de

PRODUCT SPECIFICATIONS

M-T500II Series

	M-T512IIA	M-T513IIA	M-T522IIA	M-T523IIA	M-T532IIA	M-T533IIA	M-T542IIA	M-T543IIA
Printing Method	Thermal line							
Paper Path	Straight	Curved	Straight	Curved	Straight	Curved	Straight	Curved
Resolution	203dpi							
Print Speed	Max. 250mm/s							
Paper Width	57.5 ± 0.5mm		59.5 ± 0.5mm		79.5 ± 0.5mm		82.5 ± 0.5mm	
Max Roll Dia.	Max. 254mm							
Paper Thickness (mm)	0.056-0.150	0.056-0.096	0.056-0.150	0.056-0.096	0.056-0.150	0.056-0.096	0.056-0.150	0.056-0.096
Power	24VDC ± 2.4V							
Power Consumption	Approx. 2.2 A (mean current)				Approx. 3.0 A (mean current)			
Operating Temperature	-20 to 60°C (Print quality is guaranteed from 5 to 50°C)(*)							
Operating Humidity	10 to 80 %							
MCBF	37,000,000 lines							
Printer Life	Mechanism : 15,000,000 lines, Thermal head : 100 km							
Reliability of Cutter	1,000,000 cuts (750,000 cuts when 30°C or above, and 60 %RH or above)							
Overall Dimensions (WxDxH) (mm)	102.9×91.9×57.5				126.9×91.9×57.5	126.9×94.9×57.5	126.9×91.9×57.5	126.9×94.9×57.5
Mass	Approx. 450g				Approx. 510g	Approx. 540g	Approx. 510g	Approx. 540g
Autocutter	Scissors-type autocutter Mounted (Full cut or Patial cut)							
Power Supply	PS-180 (option)							
Black Mark Detector	Option							
Paper Jam Detector	Standard	Option	Standard	Option	Standard	Option	Standard	Option

* In case customers are using the printer in extreme temperatures, it is recommended to control the temperature around the printer.
Inch values are approximate dpi: dots per 25.4 mm (dots per inch)

	BA-T500IIS	BA-T500IIP	BA-T500IIU	BA-T500IIE
Supported Printer	M-T500II Series			
Printing Character	Text (Europe Symbol available), Bar code, Graphics			
Print Font	ANK, JIS X0208-90, GB18030-80, BIG5, KSC-5601C			
Font	ANK FontA : 12 × 24, Font B : 9 × 17 / Kanji FontA : 24 × 24, FontB(JIS/KSC) : 16 × 16			
Column Capacity	M-T512II, M-T513II (Paper Width : 57.5mm) ANK FontA : 36 / ANK Font B : 48 M-T522II, M-T523II (Paper Width : 59.5mm) ANK FontA : 37 / ANK Font B : 49 M-T532II, M-T533II (Paper Width : 79.5mm) ANK FontA : 48 / ANK Font B : 64 M-T542II, M-T543II (Paper Width : 82.5mm) ANK FontA : 53 / ANK Font B : 71			
Character Size (WxDxH)	Font A : 1.25 × 3.0mm / Font B : 0.88 × 2.13mm			
Character Set	95 Alphanumeric, 65 International, 128 × 43 Graphics			
Data Buffer	4 KB			
Barcode Type	UPC-A, UPC-E, JAN13(EAN), JAN8(EAN), ITF, CODE39, CODABAR, CODE93, CODE128, GS1-128, GS1-DataBar Two-dimensional code : PDF417, QR Code, MaxiCode, Composite Symbology			
Interface	RS-232	IEEE 1284	USB 2.0	Ethernet *1
Operating Temperature	-20 to 60°C* 2			
Operating Humidity	10 to 80%			
Operating Voltage	24 VDC ± 2.4V			
Overall Dimensions (WxDxH)	80.0 × 80.0 × 22.0mm			
Mass (Approximately)	Approx. 65g	Approx. 80g	Approx. 60g	Approx. 140g

*1 Necessary to connect BA-T500IIE unit board to the Ethernet unit board.

*2 In case customers are using the printer in extreme temperatures, it is recommended to control the temperature around the printer.



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