TM Series
Impact dot matrix
Impact Dot Matrix Printers

Widely used for receipt printing, dot matrix printers are the only choice when the demand is for multi-part output. Other dot matrix printer benefits include exceptional durability that keeps maintenance costs low and economical operation. And the printing ribbon needs to be changed only occasionally. With EPSON dot matrix printers, you also get high quality results thanks to the 9-pin heads.

9-pin, serial dot
TM-U220 Series

NEW

The TM-U220 — The New Industrywide Standard in Printing

The TM-U220 is the easy to use yet powerful successor to the TM-U210, whose ease-of-use and reliability have made it an overwhelming favorite around the world.

Outstanding Compatibility

The TM-U220 printers are designed to be compatible with existing systems built around a TM-U210. These systems can be upgraded simply by dropping in a TM-U220. Moreover, since the external dimensions are nearly identical, there is no need to change the installation environment. The transition to the new model is as smooth as can be.

Impact dot matrix

EPSON
DARK GRAY

Easy Operation

Free busy operators from troublesome roll paper and ribbon cassette replacement. The TM-U220 makes these chores a snap. Simply pop the cover, drop in the paper or ribbon, shut the cover. You're back in business.

Higher Printing Speed

A full 30% faster than its predecessors, the TM-U220 printers provide high-efficiency throughput. Retailers can hand receipts to customers faster. Restaurant kitchens can receive orders quickly.

Superior Versatility

The versatile TM-U220 suits a wide range of needs and applications. Each type is powerful, yet compact enough to fit in confined spaces. The wall-mountable Type B frees up valuable counter space in kitchens and other tight locations. Moreover, both Type B and Type D handle your choice of 58, 69, or 76 mm width roll paper.

MODEL Item	Standard device / unit	Applications	Appearance
Type A	Take up / Automatic cutter	Receipt & Journal Printer	
Type B	Automatic cutter	Kitchen Receipt / ticket	
Type D		Receipt	

ASB Easy Setting Autocutter 2 Colors Multi Language Dark Gray

Print method	9-pin, serial impact dot matrix
Print font Font	7 x 9 / 9 x 9
Column capacity (columns)	40 / 42 or 33 / 35
Character size (mm)	1.2 (W) x 3.1 (H) / 1.6 (W) x 3.1 (H)
Character set	95 Alphanumeric, 37 International, 128 x 12 Graphic
	Traditional / Simplified Chinese, Thai, Japanese, Korean
Characters per inch	17.8 / 16 cpi or 14.5 / 13.3 cpi
Interfaces	RS-232, Bi-directional parallel,
	Dealer option: USB, 10 Base-T I/F
Data buffer	4 KB or 40 bytes
Print speed	4.7 lps (at 40 columns, 16 cpi), 6.0 lps (at 30 columns, 16 cpi)
Paper Dimensions (mm)	Roll paper: 57.5 ± 0.5, 69.5 ± 0.5, 76.0 ± 0.5, (W) x dia. 83.0
Thickness	0.06 to 0.085
Copy capability	One original and one copy
Inked ribbon	ERC-38 (Purple, Black, Black / Red)
Ribbon life	Purple: 4 x 10^6 characters, Black: 3 x 10^6 characters
	B / R: 15 x 10^5 characters (Black) / 75 x 10^4 characters (Red)
Power	AC adapter (included)
Power consumption	24V
D.K.D.function	2 drivers
Reliability	MTBF: 18 x 10^4 hours
	MCBF: 18 x 10^6 lines
Overall dimensions (mm)	Type A: 160 (W) x 286 (D) x 157.5 (H)
	Type B: 160 (W) x 248 (D) x 138.5 (H)
	Type D: 160 (W) x 248 (D) x 138.5 (H)
Mass (Approx.)	Type A: 2.7 kg, Type B: 2.5 kg, Type D: 2.3 kg
EMC standards	VCCI class A, FCC class A, CE marking, AS / NZS 3548 class B
Power supply	Exclusive AC adapter (included)
Factory options	Near-end sensor
Option	Wall-hanging bracket WH-10
Safety standards	UL / CSA / TÜV (EN60950)

Environmentally Conscious

This product meets EPSON ecology label compliance standards and has following major features.
1. Low energy consumption (25 % lower during operation, 60 % lower during standby than TM-U210)
2. Reduced labor for disassemby by reducing the number of parts
3. No use of chemical substances prohibited to be included in products for parts, materials and packing materials.
4. Uses high quality plain paper, since it is easier for recycling than thermal paper. Three selectable paper widths avoid wasting paper.