

# EPSON TM-U590 Printer



Loaded with functions that enable printing on a variety of slips, the TM-U590 is the best printer for hotel, bank, and restaurant applications. Print original slips and up to four copies. Insert slips smoothly, and remove them easily in the event of a paper jam. And insert even bigger slips straight as an arrow with the extended table that comes standard with each TM-U590.

High performance and multifunction. The TM-U590 is the ideal slip printer for versatile slip / check / invoice applications.

### Original Letter Size Slip Capability for Versatile Applications

Prints slips up to 88 columns (using 7 × 9 fonts/half dots). Because the TM-U590 supports a wide range of sales slip, check, and invoice applications thanks to the ability to handle an original and up to four copies, it is especially suited to hotel, bank, and restaurant applications.

### User-friendly

The TM-U590 is designed with paper handling in mind. Not only is paper easy to load, but paper jams can be removed smoothly and easily. In addition, with the standard extension table, even large slips load and feed smoothly.

### Fast Printing, 311 cps

The TM-U590 offers a printing speed of 311 characters per second by using bi-directional logic seeking printing. Quick issuance is the important customer service.

### Superb Reliability

EPSON's world-renowned quality and reliability are reflected in every component and mechanism of the TM-U590, ensuring products unsurpassed in performance and dependability.

### ESC/POS®

The TM-U590 conforms to EPSON's ESC/POS command system. Moreover, high expandability and easy upgradability ensure efficient use of existing software assets.

### NT and IT Series Connectivity

The TM-U590 can be used with EPSON's intelligent modules, saving space and offering a broad range of application choices for your business.

EPSON **TM-U590** Printer**TM-U590 Specifications**

<b>Print Method</b>	9-pin, serial impact dot matrix
<b>Print Font</b>	7 × 9 / 9 × 9
Column capacity	88 / 66 columns
Character size	1.3 × 3.1 mm (W × H) / 1.6 × 3.1 mm (W × H) {0.05 × 0.12" / 0.06 × 0.12"}
Character set	95 Alphanumeric, 32 International, 128 × 10 Graphic Multilingual model supports: Japanese, Chinese, or Taiwanese Kanji or Thai characters
Characters per 25.4 mm	16.7 cpi / 12.5 cpi
<b>Print Speed</b>	311 / 233 cps
<b>Data Buffer</b>	4 KB or 69 bytes
<b>Interfaces</b>	RS-232C / Bi-directional parallel / RS-485 / USB / Connect-It™*
<b>Paper Dimensions</b>	70 to 210 × 70 to 297 mm (W × L) {2.76 to 8.27 × 2.76 to 11.69"}
<b>Paper Thickness</b>	0.09 to 0.36 mm {0.0035 to 0.0142"}
<b>Copy Capability</b>	One original and four copies
<b>Inked Ribbon</b>	ERC-31 (purple)
<b>Power</b>	24 VDC ± 10%
<b>Current Consumption</b>	Approx. 1.9A (at 24 VDC)
<b>D.K.D. Function</b>	2 drivers
<b>Reliability</b>	MTBF 180,000 hours MCBF 29,000,000 lines
<b>Overall Dimensions</b>	252 × 266 × 185 mm (W × D × H) {9.9 × 10.5 × 7.3"}
<b>Mass</b>	Approx. 5 kg {11.0 lb}
<b>EMI Standards</b>	VCCI class A, FCC class A, CE marking
<b>Safety Standards</b>	UL, CSA

Inch values are approximate.

cpi: characters per 25.4 mm (characters per inch)

cps: characters per second

\* To find out more about our line of Connect-It Interfaces talk to your EPSON Sales Representative.

Specifications are subject to change without notice.



Conforms to OLE POS specifications.