

# EPSON® TM-U590

Ticket Printer



## Standard Features

- High-speed 2.8 lines per second printing for 88 columns of print; 4.9 lines per second printing for 40 columns
- Single copy and up to five-part
- Wide slip capability of A4 size documents
- Functions in slave capacity, printing information sent via RS-232
- 5.2in wide print area

## APPROVALS



## Specifications

### Print Method:

Nine-pin, serial impact dot matrix

### Font:

7 x 9 and 9 x 9

### Column Capacity:

88/66 columns

### Character Size:

(W x H): 0.05 x 0.12 in/0.06 x 0.12 in (1.3 x 3.1 mm/1.6x 3.1 mm)

### Character Set:

Alphanumeric: 95

International: 32

Graphic: 128 x 10

Characters Per Inch: 16.7 CPI/12.5 CPI

### Serial Interfaces:

RS-232/Bidirectional parallel/RS-485

### Data Buffer:

4K/69 bytes

### Paper Dimensions:

(W x L): 2.76 x 2.76 in/8.26 x 11.69 in  
(70 x 70 mm/210 x 297 mm)

### Paper Thickness:

0.003 in to 0.014 in (0.09 mm to 0.36 mm)

### Copy Capabilities:

One original and four copies

### Power:

24 VDC  $\pm$ 10%

### Power Consumption:

Approx. 43 W

Drawer Kickout Device Function:

Two drives

### Ribbon:

ERC-31 (purple)

### Overall Dimensions:

(W x D x H): 9.92 x 10.47 x 7.28 in  
(252 x 266 x 185 mm)

### Approvals:

CE marked, FCC class A, VCC #1,  
UL and C-UL listed, TUV

### Warranty:

One-year limited warranty (includes print head)

### Part Number/Price

Part #	Description	Est. Weight	Price
68502	TM-U590 Ticket Printer, RS-232 with power supply, 115/230 VAC, cool white	12lb	Consult
128726	TM-U590 Ticket Printer, RS-232 with European power supply, 115/230 VAC, cool white	12lb	Consult
164391	TM-U590, USB, with 115/230 VAC power supply, cool white	12lb	Consult

### Options/Accessories

Part #	Description	Price
68525	Ink cartridge (purple) ERC-31	Consult
104145	Ink cartridge (black) ERC-31B	Consult
23112	Power supply, U.S. version PS-180	Consult
128746	Power supply, European version of PS-180	Consult
111840	Protective dust cover	Consult
68562	Additional operating manual	Consult
68725	Technical manual	Consult
72309	Power supply, 12VDC vehicle cigarette plug	Consult
<b>Cables</b>		
15568	25-pin D-sub male to 25-pin D-sub male RS-232 serial interface cable	Consult
15547	Blunt end, 25-Pin D-sub male RS-232 serial interface cable (Rice Lake indicators)	Consult
41279	25-pin D-sub male to nine-pin D-sub male, RS-232 with handshaking Interfaces to: Rice Lake indicators with a serial port screw terminal connection	Consult
32810	25-pin D-sub male to eight-pin D-sub male, RS-232 with handshaking Interfaces with DC-190, DC-100, DC-200, DC-300	Consult
Consult	Custom 20 mA/RS-232 serial interface cable	Consult

*Custom cables are designed to interface with your specific equipment. Please specify equipment model number and connector type.  
Standard cable length is 5 ft. \$2.00 charge for each additional foot.*