

# Ficha técnica

Epson

## Modelos / familias

LQ-780

## Fuente del fabricante

User's Guide (v1.0)

<https://download.epson-europe.com/pub/download/6462/epson646283eu.pdf>

Las páginas siguientes son un extracto técnico del documento oficial del fabricante.

## Chapter 7

### Product Information

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### Printer Specifications

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#### Mechanical

|                     |                                                                                                                                               |                                         |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|
| Printing method:    | 24-pin impact dot matrix                                                                                                                      |                                         |
| Printing speed:     | High speed draft                                                                                                                              | 487 cps at 10 cpi                       |
|                     | Draft                                                                                                                                         | 366 cps at 10 cpi                       |
|                     | Letter quality                                                                                                                                | 121 cps at 10 cpi                       |
| Printing direction: | Bidirectional logic seeking for text and graphics printing. Unidirectional text or graphics printing can be selected using software commands. |                                         |
| Line spacing:       | 1/6 inch                                                                                                                                      |                                         |
| Printable columns:  | 106 columns (at 10 cpi)                                                                                                                       |                                         |
| Resolution:         | Maximum 360 × 180 dpi (letter quality mode)                                                                                                   |                                         |
| Paper feed methods: | Friction (front, rear)<br>Push tractor (rear)                                                                                                 |                                         |
| Reliability:        | Total print volume                                                                                                                            | 40 million lines<br>(except print head) |
|                     | Print head life                                                                                                                               | approx. 400 million strokes/wire        |

|                        |                                                                                    |                                                                                                      |
|------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| Dimensions and weight: | Height                                                                             | 211 mm (8.3 inches)                                                                                  |
|                        | Width                                                                              | 480 mm (18.9 inches)                                                                                 |
|                        | Depth                                                                              | 301.3 mm (11.9 inches)                                                                               |
|                        | Weight                                                                             | approx. 6.72 kg (14.81 lb)                                                                           |
| Ribbon:                | Black ribbon cartridge                                                             | S015656 (For users in America)<br>C13S015657 (For worldwide users)<br>C13S015658 (For users in Asia) |
|                        | Ribbon life<br>(at 10 cpi in the letter<br>quality mode with 48<br>dots/character) | black ribbon<br>approx. 10 million characters                                                        |
| Acoustic noise:        | Approx. 59 dB (A) (ISO 7779 pattern)                                               |                                                                                                      |

## Electronic

|             |                                                                                                                                                                                 |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Interfaces: | LQ-780:<br>One standard bidirectional, 8-bit, parallel interface with IEEE 1284 nibble mode support<br>One USB 2.0 (Full Speed) interface                                       |
|             | LQ-780N:<br>One standard bidirectional, 8-bit, parallel interface with IEEE 1284 nibble mode support<br>One USB 2.0 (Full Speed) interface<br>One 100 Base-TX Network interface |
| Buffer:     | 128KB                                                                                                                                                                           |

**Fonts:****Bitmap fonts:**

Epson High Speed Draft 10 cpi  
Epson Draft 10, 12, 15 cpi  
Epson Roman 10, 12, 15 cpi, proportional  
Epson Sans Serif 10, 12, 15 cpi, proportional  
Epson Courier 10, 12, 15 cpi  
Epson Prestige 10, 12 cpi  
Epson Script 10 cpi  
Epson OCR-B 10 cpi  
Epson Orator 10 cpi  
Epson Orator-S 10 cpi  
Epson Script C proportional

**Scalable fonts:**

Epson Roman 10.5 pt., 8 pt. - 32 pt. (every 2 pt.)  
Epson Sans Serif 10.5 pt., 8 pt. - 32 pt. (every 2 pt.)  
Epson Roman T 10.5 pt., 8 pt. - 32 pt. (every 2 pt.)  
Epson Sans Serif H 10.5 pt., 8 pt. - 32 pt. (every 2 pt.)

**Bar code fonts:**

EAN-13, EAN-8, Interleaved 2 of 5, UPC-A, UPC-E, Code 39,  
Code 128, POSTNET

## Character tables:

## Standard model:

Italic table,

PC 437 (US, Standard Europe), PC 850 (Multilingual), PC 860 (Portuguese), PC 861 (Icelandic), PC 865 (Nordic), PC 863 (Canadian-French), BRASCII, Abicomp, ISO Latin 1, Roman 8, PC 858, ISO 8859-15

## Expanded model:

Italic table,

PC 437 (US, Standard Europe), PC 850 (Multilingual), PC 860 (Portuguese), PC 861 (Icelandic), PC 865 (Nordic), PC 863 (Canadian-French), BRASCII, Abicomp, ISO Latin 1, Roman 8, PC 858, ISO 8859-15, PC 437 Greek, PC 852 (Eastern Europe), PC 853 (Turkish), PC 855 (Cyrillic), PC 857 (Turkish), PC 866 (Russian), PC 869 (Greek), MAZOWIA (Poland), Code MJK (CSFR), ISO 8859-7 (Latin/Greek), ISO Latin 1T (Turkish), Bulgaria (Bulgarian), PC 774 (LST 1283: 1993), Estonia (Estonian), PC 771 (Lithuanian), ISO 8859-2, PC 866 LAT. (Latvian), PC 866 UKR (Ukrainian), PC APTEC (Arabic), PC 708 (Arabic), PC 720 (Arabic), PC AR 864 (Arabic), PC437 Slovenia, PC MC, PC1250, PC1251, KZ1048 (Kazakhstan)

## Character sets:

## 15 international character sets:

USA, France, Germany, UK, Denmark I, Sweden, Italy, Spain I, Japan, Norway, Denmark II, Spain II, Latin America, Korea, Legal

## Electrical

|                       | 100 - 240 V Model                                                 | 220 - 240 V Model                                     |
|-----------------------|-------------------------------------------------------------------|-------------------------------------------------------|
| Rated voltage range   | AC 100 to 240 V                                                   | AC 220 to 240 V                                       |
| Input voltage range   | AC 90 to 264 V                                                    | AC 198 to 264 V                                       |
| Rated frequency range | 50 to 60 Hz                                                       |                                                       |
| Input frequency range | 49.5 to 60.5 Hz                                                   |                                                       |
| Rated current         | 2.0 - 0.9 A (maximum 5.4 - 2.8 A depending on the character type) | 1.4 A (maximum 4.6 A depending on the character type) |

|                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                     |
|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Power consumption (with USB connection) | <p>AC 100 - 120 V:<br/>Approx. 49 W (ISO/IEC 10561 letter pattern)</p> <p>LQ-780:<br/>Approx. 0.7 W in sleep mode *<br/>0.1 W in power-off</p> <p>LQ-780N:<br/>Approx. 0.8 W in sleep mode *<br/>0.1 W in power-off</p> <p>AC 220 - 240 V:<br/>Approx. 47 W (ISO/IEC 10561 letter pattern)</p> <p>LQ-780:<br/>Approx. 0.8 W in sleep mode *<br/>0.1 W in power-off</p> <p>LQ-780N:<br/>Approx. 0.9 W in sleep mode *<br/>0.1 W in power-off</p> | <p>Approx. 46 W (ISO/IEC 10561 letter pattern)</p> <p>LQ-780:<br/>Approx. 0.8 W in sleep mode *<br/>0.1 W in power-off</p> <p>LQ-780N:<br/>Approx. 0.8 W in sleep mode *<br/>0.1 W in power-off</p> |
|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

\* When the configured time passes in the following condition, the printer enters sleep mode.

- not error.
- There is no data in input buffer.

**Note:**

*Check the label on the back of the printer for the voltage of your printer.*

## Environmental

|                                                            | Temperature                  | Humidity<br>(without condensation) |
|------------------------------------------------------------|------------------------------|------------------------------------|
| Operation (plain paper)                                    | 5 to 35 °C (41 to 95 °F)     | 10 to 80 % RH                      |
| Operation (recycled paper, envelope, label, or roll paper) | 15 to 25 °C (59 to 77 °F)    | 30 to 60 % RH                      |
| Storage                                                    | -30 to 60 °C (-22 to 140 °F) | 0 to 85 %                          |

## Paper

### Note:

- ❑ *Use recycled paper, multipart paper, labels, envelopes, and postcards only under normal temperature and humidity conditions described below.*  
*Temperature: 15 to 25 °C (59 to 77 °F)*  
*Humidity: 30 to 60 % RH*
- ❑ *Do not load paper that is curled, folded, or crumpled.*

## Single sheets

See also “Multipart forms” on page 116 for detailed information on the specification for single sheet multipart forms.

|                 |                                                                                                  |
|-----------------|--------------------------------------------------------------------------------------------------|
| Width           | 90 to 304.8 mm (3.5 to 12.0 inches)                                                              |
| Length          | 70 to 420 mm (2.8 to 16.5 inches)                                                                |
| Thickness       |                                                                                                  |
| single sheets   | 0.065 to 0.19 mm (0.0025 to 0.0074 inch)                                                         |
| multipart forms | 0.12 to 0.49 mm (0.0047 to 0.0192 inch)                                                          |
| Weight          |                                                                                                  |
| single sheets   | 52.3 to 157 g/m <sup>2</sup> (14 to 42 lb)                                                       |
| multipart forms | 40 to 58 g/m <sup>2</sup> (10 to 15 lb)                                                          |
| Quality         |                                                                                                  |
| single sheets   | Plain paper and recycled paper                                                                   |
| multipart forms | Carbonless or back carbon multipart forms with a line of glue at the top or the side of the form |
| Copies          | 1 original + 6 copies                                                                            |

## Continuous paper

See also “Multipart forms” on page 116 for detailed information on the specifications for continuous multipart forms.