Designed to do more with less, Epson LQ-310 offers fast-printing at a low cost. Compact and capable, Epson LQ-310 24-pin dot matrix printer features extraordinary speed, output quality and reliability. Epson's constant innovations in printing solutions give you the best performing printer that suits your fast paced environment.

**Your Fast and Affordable Printing Solution.**

**Engineered for Business**

- **High Processing Speed**
  You can now enjoy high-speed processing time, with 128KB data buffer that will reduce waiting time.

- **Fast Print Speed**
  Maximize productivity with a fast print speed of up to 416 characters per second (12 cpi).

- **Long-life Reliability**
  With a Mean Time Between Failure (MTBF) rating of 10,000 POH (power on hours), it saves cost on electricity without compromising good quality printing.
**MODEL NUMBER**
LQ-310

**Printing Technology**
Print Method
Impact dot matrix

Number of Pins in Head
24 pins

Print Direction
Bi-direction with logic seeking

Control Code
ESC/P2 and IBM PPDS emulation

**Print Speed**

<table>
<thead>
<tr>
<th>Speed Type</th>
<th>10 / 12 cpi</th>
<th>12 / 15 cpi</th>
</tr>
</thead>
<tbody>
<tr>
<td>High Speed Draft</td>
<td>347 / 416 cps</td>
<td>360 / 390 cps</td>
</tr>
<tr>
<td>Draft</td>
<td>222 / 260 cps</td>
<td>222 / 260 cps</td>
</tr>
<tr>
<td>LO</td>
<td>86 / 103 / 129 cps</td>
<td>147 / 172 cps</td>
</tr>
</tbody>
</table>

**Print Characteristics**

- **Character Sets**
  - Italic table, PC437 (US Standard Europe), PC850 (Multilingual), PC860 (Portuguese), PC861 (Icelandic), PC863 (Canadian-French), PC865 (Nordic), Abicomp, BRASCII, Roman 8, ISO Latin 1, 1, PC 858, ISO 8859-15
  - Proportional

- **Bitmap Fonts**
  - Epson Draft: 10, 12, 15 cpi
  - Epson Roman & San Serif: 10, 12, 15 cpi, Proportional
  - Epson Courier: 10, 12, 15 cpi
  - Epson Prestige: 10, 12 cpi
  - Epson Script, OCR-B, Orator & Orator-S: 10 cpi
  - Epson Script C: Proportional

- **Scalable Fonts**

- **Barcode Fonts**
  - EAN-13, EAN-8, Interleaved 2 of 5, UPC-A, UPC-E, Code 39, Code 128, Postnet

**Printable Columns**

<table>
<thead>
<tr>
<th>Pitch</th>
<th>10 / 12 / 15 / 17 / 20 cpi</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size</td>
<td>80 / 96 / 120 / 137 / 160 cpi</td>
</tr>
</tbody>
</table>

**Paper Handling**

- **Paper Path**
  - Tractor
  - Manual Insertion

- **Paper Size**
  - **Cut Sheet (Single Sheet)**
    - Length: 100 ~ 364 mm (3.9 ~ 14.3")
    - Width: 100 ~ 257 mm (3.9 ~ 10.1")
    - Thickness: 0.065 ~ 0.14 mm (0.0025 ~ 0.0055")
  - **Cut Sheet (Multi Part)**
    - Length: 100 ~ 364 mm (3.9 ~ 14.3")
    - Width: 100 ~ 257 mm (3.9 ~ 10.1")
    - Thickness: 0.12 ~ 0.32 mm (0.0047 ~ 0.0126")
  - **Envelope (No.6)**
    - Length: 92 mm (3.6")
    - Width: 165 mm (6.5")
    - Thickness: 0.16 ~ 0.32 mm (0.0063 ~ 0.0126")
  - **Envelope (No.10)**
    - Length: 105 mm (4.1")
    - Width: 241 mm (9.5")
    - Thickness: 0.16 ~ 0.32 mm (0.0063 ~ 0.0126")
  - **Continuous Paper (Single Sheet and Multi part)**
    - Length: 101.6 ~ 558.8 mm (4.0 ~ 22.0")
    - Width: 101.6 ~ 254.0 mm (4.0 ~ 10.0")
    - Thickness: 0.065 ~ 0.32 mm (0.0025 ~ 0.0126")
  - **Roll Paper**
    - Length: 216 mm (8.5")
    - Thickness: 0.07 ~ 0.09 mm (0.0028 ~ 0.0035")

**Paper Feeding**

- **Standard**
  - Friction, Push Tractor

- **Optional**
  - Roll Paper Holder

- **Copies**
  - Original + 3 copies

**Line Spacing**

- 3.23mm (1/6") or programmable in increments of 0.118mm (1/216")

**Input Data Buffer**

- 128KB

**Ribbon Cartridge**

- Standard Fabric Ribbon Cartridge (Black)
- Ribbon Lite Approx. 2.5 million characters (Draft 10 cpi, 48 dots/character)
- Acoustic Noise Approx. 53 dB(A) (ISO 7779 pattern)
- Reliability Approx. 20 million lines (Except print head)
- Mean Time Between Failure (MTBF) Approx. 10,000 POH (25% Duty)
- Print Head Life Approx. 400 million strokes/wire
- Control Panel 4 switches and 1 LED
- Environmental Conditions (Operating)
  - Temperature 5 ~ 35°C
  - Humidity 10 ~ 80 % RH
- **Electrical Specification**
  - Rated Voltage AC 120V / AC 220 ~ 240V
  - Rated Frequency 50Hz ~ 60Hz
  - Power Consumption Approx. 22W (ISO/IEC 10561 Letter pattern), (ENERGY STAR compliant)
  - Sleep Mode Approx. 1.0 W (120V) / 1.3 W (230V)
  - Auto Off Mode Approx. 0.5W
  - Power Off 2W

**Printer Driver / Utility**

- Operating System Microsoft® Windows® 2000 / XP / 7, Microsoft® Windows Vista®
- Epson Status Monitor 3
- Epson Printer Setting Microsoft® Windows® 2000 / XP / 7, Microsoft® Windows Vista®