

DOT MATRIX PRINTER
24-PIN NARROW CARRIAGE
LQ-310

EPSON
EXCEED YOUR VISION

**YOUR FAST AND AFFORDABLE
PRINTING SOLUTION.**



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.



Print



Cost Effective



Power Savings



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			
High Speed Draft	10 / 12 cpi	347 / 416 cps	
Draft	10 / 12 / 15 cpi	260 / 312 / 390 cps	
Draft Condensed	17 / 20 cpi	222 / 260 cps	
LQ	10 / 12 / 15 cpi	86 / 103 / 129 cps	
LQ Condensed	17 / 20 cpi	147 / 172 cps	
Print Characteristics			
Character Sets	Italic table, PC437 (US Standard Europe), PC850 (Multilingual), PC860 (Portuguese), PC861 (Icelandic), PC863 (Canadian-French), PC865 (Nordic), Abicomp, BRASCI1, Roman 8, ISO Latin 1, PC 858, ISO 8859-15		
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: 10cpi; Epson Script C: Proportional		
Scalable Fonts	Epson Roman, Epson San Serif, Epson Roman T & Epson San Serif H: 10.5pt., 8pt. - 32pt. (every 2pt.)		
Barcode Fonts	EAN-13, EAN-8, Interleaved 2 of 5, UPC-A, UPC-E, Code 39, Code 128, Postnet		
Printable Columns			
Pitch	10 / 12 / 15 / 17 / 20 cpi	80 / 96 / 120 / 137 / 160 cpl	
Paper Handling			
Paper Path	Tractor Manual Insertion	Rear in, Top out Rear in, Top out	
Paper Size		Length	Width
Cut Sheet (Single Sheet)		100 ~ 364 mm (3.9 ~ 14.3")	100 ~ 257 mm (3.9 ~ 10.1")
Cut Sheet (Multi Part)		100 ~ 364 mm (3.9 ~ 14.3")	100 ~ 257 mm (3.9 ~ 10.1")
Envelope (No.6)		92 mm (3.6")	165 mm (6.5")
Envelope (No.10)		105 mm (4.1")	241 mm (9.5")
Continuous Paper (Single Sheet and Multi part)		101.6 ~ 558.8 mm (4.0 ~ 22.0")	101.6 ~ 254.0 mm (4.0 ~ 10.0")
Roll Paper		NA	216 mm (8.5")
			Thickness
			0.065 ~ 0.14 mm (0.0025 ~ 0.0055")
			0.12 ~ 0.32 mm (0.0047 ~ 0.0126") (Total)
			0.16 ~ 0.52 mm (0.0063 ~ 0.0205") (Total)
			0.16 ~ 0.52 mm (0.0063 ~ 0.0205") (Total)
			0.065 ~ 0.32 mm (0.0025 ~ 0.0126") (Total)
			0.07 ~ 0.09 mm (0.0028 ~ 0.0035")
Paper Feeding		Friction, Push Tractor	
Standard		Roll Paper Holder	
Optional		Original + 3 copies	
Copies		4.23mm (1/6") or programmable in increments of 0.118mm (1/216")	
Line Spacing		128KB	
Input Data Buffer			
Interface			
Standard		Bi-directional parallel interface (IEEE-1284 nibble mode supported) USB 2.0 Full-Speed Serial	
Ribbon Cartridge			
Standard		Fabric Ribbon Cartridge (Black)	
Ribbon Life		Approx. 2.5 million characters (Draft 10 cpi, 48 dots/character)	
Acoustic Noise			
		Approx. 53 dB(A) (ISO 7779 pattern)	
Reliability			
Mean Print Volume Between Failure (MVBFB)		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 5 LEDs	
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)	
Operating		Approx. 1.0 W (120V) / 1.3 W (230V)	
Sleep Mode		Approx. 0.5W	
Auto Off Mode		0W	
Power Off			
Printer Driver / Utility			
Operating System		Microsoft® Windows® 2000 / XP / 7, Microsoft® Windows Vista®	
Utility		Microsoft® Windows® 2000 / XP / 7, Microsoft® Windows Vista®	
Epson Status Monitor 3		Microsoft® Windows® 2000 / XP / 7, Microsoft® Windows Vista®	
Epson Printer Setting		Microsoft® Windows® 2000 / XP / 7, Microsoft® Windows Vista®	

Dimensions & Weight

Weight: Approx. 4.1kg (9.0lb)



Options

Fabric Ribbon Cartridge (Black) S015634

Legend

- cpi Characters per inch (Characters per 25.4mm)
- cps Characters per second
- cpl Characters per line
- POH Power On Hours



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Dealer's Stamp



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