



Tech Info Library

ImageWriter LQ: Specifications (Discontinued)

Article Created: 10 August 1987

Article Reviewed/Updated: 11 October 1988

Print method: Dot Matrix, logic seek (line by line)

Printing speed:	Draft	250 cps at 10 cpi in Draft mode
	NLQ	90 cps at 10 cpi in NLQ mode
	LQ	115 cps in proportional mode

Printing throughput: 25 line per minute in 216 by 216 graphics mode,
bidirectional, 25% duty cycle, 11-inch wide line,
assuming no limitation because of communications
or overheating of the print head

Character format: Draft fixed-width characters - 12 dots wide by 7 dots
high, using every third print head wire and using every
other dot on a horizontal line (1/2 dot method)

Draft proportional characters - Up to 16 dots wide by 7
dots high, using every third print head wire

NLQ fixed-width characters - 16 dots wide by 24 dots high

NLQ proportional characters - Up to 16 dots wide by 24
dots high

LQ proportional characters - Up to 32 dots wide by 24
dots high

Standard characters: 96 ASCII (alphanumeric and symbols)
28 European language characters

Vertical dot spacing: 1/216 inch

Printed line length: 13.6 maximum

Horizontal pitches:	Characters per inch	Characters per line
	17	231
	15	204
	13.4	182

12	163
10	136
9	122

Input buffer: 5K (Though expandable up to 64K, Apple has not yet implemented this capacity.)

Paper feed direction: Forward and reverse

Line spacing: 1/144 to 99/144 inch, selectable in increments of 1/144 inch

Line feed speed: Maximum 24 lps at 6 lpi

Paper width: 3.5 to 15 inch pin to pin

Paper thickness: 0.051 - 0.55 mm (0.002 to 0.028 inch)

Paper feed method: Selectable, friction, push tractor, or pull tractor feed

Paper types: Single sheets
Continuous paper hole centers 3.5 - 15.0 inches

Ribbon: Cassette containing black inked fabric ribbon, continuous
Optional four-color ribbon: black, yellow, magenta, cyan

Ribbon life: 4 million characters (black)
1 million characters/band (color)

Power options:	North American	120 V AC +/- 10%, 60 Hz
	Universal	100 V AC +/- 10%, 50/60 Hz
		120 V AC +/- 10%, 50/60 Hz
		140 V AC +/- 10%, 50/60 Hz
		200 V AC +/- 10%, 50/60 Hz
		220 V AC +/- 10%, 50/60 Hz
		240 V AC +/- 10%, 50/60 Hz

Power consumption: Operating - 180 W maximum
Standby - 20 W maximum

Data input form: 8-bit serial: 1 start bit, 8 data bits, and 1 stop bit
(no parity bit), asynchronous

Data output form: 8-bit serial: 1 start bit, 8 data bits, and 1 stop bit,
no parity, asynchronous

Transmission speed: 1200, 4800, 9600, or 19200 baud set by DPI switches

Printer connector: minicircular 8-pin socket

Cable connector: minicircular 8-pin plug

Weight: 17 kg (38 lb)

Dimensions: Width Depth Height
590 380 130 mm
23.2 15.0 5.12 in

Ambient temperature in degrees: Celsius Fahrenheit

- Operating	10 to 40	50 to 104
- Storage (1 year)	-40 to 47	-40 to 116
- Transit (72 hours)	-40 to 65	-40 to 149

Humidity: Operating- 20% to 95% relative, noncondensing
Storage (6 mo.) - 10% to 95% relative, noncondensing

Operating acoustics: 55 dBa maximum sound pressure at typical operator distance

Print head life: 400,000,000 wire fires (approx. 200,000,000 characters)
Copyright 1988 Apple Computer, Inc.

Keywords: SPECSHT

=====

This information is from the Apple Technical Information Library.

19960215 11:05:19.00

Tech Info Library Article Number: 2293