



Tech Info Library

Apple Color Printer: Specifications (Discontinued)

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TOPIC -----

This article gives the technical specifications for the Apple Color Printer (Order Number B1029LL/A).

DISCUSSION -----

Print Engine

- Canon P691 Color Bubblejet

Print Quality

- 360 dpi in best mode
- 180 dpi in draft mode

Marking Engine

- Thermal ink jet

Interfaces

- 50-pin SCSI

Image Processing

- Via Macintosh CPU

Print Speed

- Up to 2 minutes per page black-and-white (actual speed varies with image printed and computer used)
- Up to 3.5 minutes per page color (actual speed varies with image printed and computer used)

Imageable Area (Minimum Margins)

- U.S. letter: 0.34-inch left and right margins, 0.32-inch top margin, 0.26-inch bottom margin
- U.S. legal: 0.34-inch left and right margins, 0.32-inch top margin, 0.26-inch bottom margin
- Tabloid (11-inch x 17-inch): 0.20-inch left and right margins, 0.32-inch top margin, 0.26-inch bottom margin
- A4: 0.11-inch left and right margins, 0.32-inch top margin, 0.26-inch bottom margin
- A3: 0.20-inch left and right margins, 0.32-inch top margin, 0.26-inch bottom margin

Paper Sizes

- U.S. letter (8.5x11 inches)
- U.S. legal (8.5x14 inches)
- Tabloid (11x17 inches)
- #10 business envelopes (9.5x4.125 inches)
- A4 (8.3x11.7 inches)
- A3 (11.7x16.5 inches)

Print Materials

- For best results, Apple recommends coated paper for all paper sizes.
- Plain paper: 17-pound (64 g/m²) to 24-pound (90 g/m²)
- Most letterhead and colored stock
- Medium-weight photocopier labels
- #10 business envelopes (9.5x4.125 inches)
- Apple recommends Apple letter OHP and A4 OHP transparency film.

Paper Feed

- Automatic sheet feeder holds up to 100 sheets of 20-lb. (75 g/m²) paper or five envelopes.

Paper Tray

- Single tray accommodates all media

Paper Tray Capacity

- 100 sheets (letter, A4)
- 50 sheets (legal, 11x17 inches, A3)
- Five #10 business envelopes

Fonts Supported

- 64 TrueType fonts

Ink Cartridges

- Separate cartridges for cyan, magenta, yellow, and black
- 400- to 700-page life depending on percentage of page coverage
- Cartridge capacity: 30 grams

Print Head

- Approximately 100 million characters estimated print head life.

ColorSync Architecture

- Matches colors from scanned input to display to printed output
- Automatic, behind-the-scenes color matching
- Works with color-capable Macintosh computers and color input and output devices that take advantage of ColorSync

Cable

- DB-25 External SCSI Connector

System Requirements

- Any color-capable Macintosh personal computer with at least 4MB of RAM
- A hard disk drive
- System software version 7.0 or later

Power Requirements

- Line voltage: 120 VAC, RMS
- Frequency: 60 Hz
- Power: 30 W maximum

Operating Environment

- Operating temperature: 59° F to 86° F (15° C to 30° C)
- Storage temperature: -22° F to 140° F (-30° C to 60° C)
- Relative humidity: 10% to 95% noncondensing

Size and Weight

- Height (without output tray): 6.7 inches (16.9 cm)
- Width: 20.5 inches (52.0 cm)
- Depth (paper tray closed): 16 inches (41.0 cm)
- Weight: 22 lb. (10 kg)

SCSI Port Pinouts

Pin	Signal	Description
1	REQ~	Request
2	MSG~	Message
3	I/O~	Input/Output
4	RST~	SCSI Bus Reset
5	ACK~	Acknowledge
6	BSY~	Busy
7	GND	Ground
8	DB0~	Data bit 0

9	GND	Ground
10	DB3~	Data bit 3
11	DB5~	Data bit 5
12	DB6~	Data bit 6
13	DB7~	Data bit 7
14	GND	Ground
15	C/D~	Command/Data
16	GND	Ground
17	ATN~	Attention
18	GND	Ground
19	SEL~	Select
20	DBP~	Data parity
21	DB1~	Data bit 1
22	DB2~	Data bit 2
23	DB4~	Data bit 4
24	GND	Ground
25	TPWR	Terminator power

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21 March 1994 - Corrected the metric paper weights
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