

**Avery Dennison**  
Identification Solutions

**Monarch**  
Intelligent Retail Solutions

# Avery Dennison® Monarch® 9419 Printer Solution



Bringing together the full functionality of a large thermal printer and the space-saving convenience and cost efficiency of a traditional desktop printer, the Avery Dennison Monarch<sup>®</sup> 9419 Printer is designed for an array of in-store retail printing needs.



# Avery Dennison® Monarch® 9419 Printer Solution

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## Tabletop performance, desktop size

- Shelf and markdown labels for easy customer price recognition
- Durable shipping labels for store transfers or customer purchases
- Reticketing that looks and feels like source tagging

The 9419 also has an integrated, user-positionable 3.5" color display – one of the largest display of any desktop printer on the market. Also included is the real-time clock and a label peel mechanism with present sensor as standard.

Durable construction makes it a great choice for manufacturing and distribution center labeling applications.

## Ready-to-use out of the box

As soon as you remove the Avery Dennison Monarch® 9419 printer from its box and follow the easy setup instructions, you'll be printing and labeling in no time! It comes pre-loaded with popular in-store label formats for price tags, shelf labels, and shipping labels, or just download your preferred formats from your host. For standalone printing, simply add a keyboard or scanner.

Whether your store has little or no IT support or you just want a faster way to implement price changes, the 9419 is the optimal solution with a powerful performance and a compact size.

## Sustainable Labeling

Reduced Energy Consumption – ENERGY STAR® certified\*

Avery Dennison® EcoCapacity+™ Supplies

- 30% more labels per roll
- 35% fewer roll changes



# Specifications

## Dimensions

### Height/width

10" (254 mm) display upright 8.8" (223 mm)  
7.8" (198mm) display down

### Depth/Weight

13.1" (333 mm), 8.9 lbs (4kg)

### Shipping weight

12.8 lbs (5.8 kg)

## Printing

### Printing method

Thermal Direct or Thermal Transfer

### Print head width

4.25" (108mm) for 203 dpi  
4.17" (106mm) for 300 dpi

### Print head resolution

203dpi (8 dots/mm) or 300dpi (12 dots /mm)

## Memory

128 MB DDR2 RAM  
128 MB FLASH

## Barcodes

One-dimensional - Interleaved 2 of 5, EAN 8, EAN 13, EAN 128, UPC-A, UPC-E, Code 39, Code 93, Code128UCC, Code128 subsets A.B.C, EAN and UPC 2(5) digits add-on, MSI, POSTNET, EAN14, One-dimensional (Offline only) - PLESSEY, China Post, ITF14, Code 11, TELEPEN, TELEPENN, PLANET, Code 49, Deutsche Post Identcode, Deutsche Post Leitcode, LOGMARS, Two-dimensional - PDF-417, Maxicode, DataMatrix, QR code, Two-dimensional (Offline only) - Aztec, TLC39, CODABLOCK F mode, Micro PDF 417, GS1 DataBar (RSS barcode)

## Communications

USB 2.0 Device (Type B connector)  
USB 2.0 Host (Type A Connector)  
IEEE 802.3 Ethernet, 10/100 Mbps (RJ45 connector)  
Optional: 802.11 a/b/g/n dual band wireless (North America, EU, and Australia only)  
RS232C 9-pin serial interface

## Keypad / display

6-button keypad control  
3.5" Thin Film Transistor LCD (128W x 64H dots)

## Printer control languages

MPCL, TSPL, EPL and MLI

## Fonts

### Standard fonts

Internal Monotype Imaging® true type font engine with one CG Triumvirate Bold Condensed scalable font Fonts can also be downloaded to the printer

### Font rotation

0, 90, 180, 270 degree

## Supplies

Avery Dennison supplies are recommended

## Media sensing method

Movable combined sensor for Die Cut and Black Mark center-biased

## Supply types

Tags and Adhesive Labels (Paper or Synthetic) in roll or fanfold format Perforated or continuous supply

## Supply sizes

Width: 0.75" - 4.4" (19-112 mm)  
Width (with Peel): 0.75" - 4.4" (19-112mm)  
Length: 203dpi: 0.1" - 1,000" (3 - 25,400mm)  
300dpi: 0.1" - 450" (3 - 11,430mm)  
Length: (peel mode): 1" - 6" (25mm - 152 mm)

## Max roll diameter

5" (127mm) OD on a 1"- 1.5" (25-38mm) core

## Supply thickness

2.17 - 10 mil (0.055-0.254 mm)

## Maximum print area

4.25"X 10.0" (108mm x 254mm) with 203 dpi  
4.17"x 10.0" (106mm x 254mm) with 300 dpi  
Larger images up to 29" (75cm) in length) can be printed using continuous supply and reallocating memory

## Ribbon length

11,811" (300m), Coated with exterior ink, max. 67mm OD  
Cardboard core 1" (25mm)

## Environmental ranges

### Operating temperature/humidity

5 -40°C, 25 - 85% non-condensing for thermal direct operation  
5 - 35°C, 25 - 85% non-condensing for thermal transfer operation

### Storage/humidity

-40 - 60°C, 10 - 90% non-condensing

## Performance

### Power source

External universal switching power supply  
Input: AC 100-240V, 2.5A, 50-60Hz  
Output: DC 24V, 3.75A, 90W  
Power Consumption: 2.9 Amps

### Print speed

- Max. print speed 8 ips (203mm/s)  
- Max. print speed for 6 ips (300 dpi 152/mm/s)

## Options and accessories

- 300 dpi print head
- Keyboard
- Cutter
- OS Bluetooth
- Wireless networking
- Additional memory via SD card
- Cleaning pen
- External supply holder

## Avery Dennison® Service and Support

Our technical specialists and service representatives can provide installation support, training and operating recommendations. For more information call: 800.543.6650, option 7.

**Our Monarch® Intelligent Retail Solutions improve efficiency, increase margins, reduce waste and enhance the consumer experience throughout the global supply chain.**

## Contact us

170 Monarch Lane, Miamisburg, OH 45342  
937 865 2123 (direct) Tel +800 543 6650 (8:00 a.m.–6:30 p.m., EDT)  
identification.solutions@averydennison.com

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