

# Monarch® 9864™ Tabletop Bar Code Printer

## Product Specification



**Monarch®**  
Products and Services

- Tabletop Printer
- Thermal Direct or Transfer
- On-demand or Continuous
- Prints Up to 8 ips
- Internal Liner Take-up

## Standard Features

### Dimensions:

Height - 12.0" (305 mm)  
Width - 11.8" (300 mm)  
Depth - 21.3" (541 mm)  
Weight - 41 lbs. (19 kg)

### Printing Method:

Thermal Direct or Thermal Transfer

### Printhead:

203 dots/inch (8 dots/mm) OR  
300 dots/inch (11.8 dots/mm)

### Operator Interface:

On/Off, Feed, and three context-sensitive keys

### Processor:

32-Bit 150 MHz Processor  
Real Time Clock

### Memory:

4 MB Flash, 16 MB RAM  
RAM using these buffers:  
Transmit, Receive, Image, Format, Downloadable &  
Scalable Fonts

### Bar Code Types:

UPCA +2/+5, UPCE +2/+5, EAN8 +2/+5, EAN13 +2/+5,  
Interleaved 2 of 5, Extended Code 39, Codabar (NW7),  
Code 128, Code 93, MSI, PDF417, Postnet, MaxiCode,  
Code 16K, Quick Response (QR Code), CC-Composite,  
RSS, Codablock F, Code ITF, Postcode, Code 49

### Standard Fonts:

17 fonts, 2 scalable  
Supports downloaded TrueType™ fonts

### Font Magnification:

1x to 8x

### PC/Host Interface:

Mini Centronics Parallel  
USB (Universal Serial Bus)  
RS 232 Serial at 2,400 BPS to 115,200 BPS  
Ethernet  
PS/2 Keyboard Port

### Printer Warranty:

One (1) year parts and labor.  
Full written warranty statement available on request.

### Printhead Warranty:

One (1) million inches or six (6) months, whichever occurs first.

## Supplies

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Only Monarch-brand® or Avery Dennison supplies are recommended. Use non-perforated supplies in peel mode.

### Supply Types:

Labels, Tags and Receipt Paper

### Supply Thickness:

Width - 1.0" to 4.1" (25 mm to 104 mm)  
Length - .32" to 17.5" (813 mm to 445 mm)  
Maximum Outer Diameter – 8.27" (210 mm)

### Supply Thickness:

Labels – 4 to 12 mils

### Maximum Print Area:

4.1 " x 39.35" (213 mm x 1000 mm)

### Ribbon Sizes:

Ribbon Widths	Use with max. supply width
1.5" (38 mm)	1.2" (33 mm)
2" (51 mm)	1.7" (43 mm)
3.1" (79 mm)	2.8" (71 mm)
3.5" (89 mm)	3.2" (81 mm)
4.2" (108 mm)	3.9" (107 mm)
4.5" (114 mm)	4.2" (107 mm)

### Ribbon Length:

17,716" (450 meters)

### About Ribbons:

The width of the ribbon should be at least 0.3" (8 mm) greater than the supply width. Using a ribbon wider than your supply helps protect the printhead.

## Environment Ranges

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### Operating Temperature:

41° to 104° F (5° to 40° C)

### Storage:

15° to 120° F (-4° to 60° C)

### Humidity/Operating and Storage:

30% to 85% non-condensing.

## Performance

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### Power Source:

100-240 VAC with autoselect 50/60 Hz  
Optional 24 VDC regulator

### Image Support:

BMP, PCX, JPG, TIF, GIF, and Easy

### Print Speed:

9.0 ips (229 mm) -  
14.0 ips (356 mm) - with 300 dots/inch  
16.0 ips (406 mm) -

## Options

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## Accessories

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- Documentation available at [www.monarch.com](http://www.monarch.com)

*In our ongoing effort to deliver the best technology, specifications are subject to change without notice.*