

# Reliability matters

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## The Monarch® 9416 XL™ Desktop Printer



**AVERY  
DENNISON**

Monarch®  
Products and Services

# For different applications ...

In retail, product identification and pricing are vital issues. Activities like returns, commissioning and picking have to be handled every day with the utmost precision and as efficiently as possible.

The big challenge is that there are a wide variety of labelling applications that can affect your printing requirements. Consistent shelf-edge identification in the store, for instance. Or shipping labels. Or returned product items – remarked and returned to stock as fast as labels or tags are printed.

In multiple printing environments like these, one wants a local solution that enables you to print on demand. What you need is an easy-to-use, reliable and versatile printer to print onto a variety of supply types.

The Monarch® 9416 XL™ provides a quick return of investment with a printer built for maximum utilization. If you want high quality output from multiple applications and environments, you can get it with the Monarch® 9416 XL™ compact, desktop printer.



## Your Applications

The Monarch® 9416 XL™ improves supply chain efficiency in a number of ways:

- Commissioning
- Item marking
- Logistics
- Picking
- Repricing
- Return handling
- Shipping
- Shelf-labelling
- Markdowns
- Signage printing

For all of this, there is one solution:  
Monarch® 9416 XL™ – the versatile desktop printer that fits in anywhere



# ... on various materials ...

The Monarch® 9416 XL™ desktop printer prints on a variety of materials: – tags, labels, receipt, paper or linerless supplies. It delivers superior prints to meet your business needs in either 1D or 2D standard barcode formats.

Labels can be applied faster than usual – thanks to the standard peel mode. Variable supply sensing makes it easy to change supplies and allows printing of circular or oval labels as well as standard shaped supplies. Whatever the situation, with the Monarch® 9416 XL™ you get the output you want, whenever you want it.

The Monarch® 9416 XL™ is very easy to operate. Enjoy excellent connectivity with parallel, serial and USB connections as standard, an internal ethernet LAN adapter plus an available keyboard to develop stand-alone and mobile desktop applications. EPL works perfectly too.

The Monarch® 9416 XL™ comes either as a thermal direct or thermal transfer printer and its print resolution can be optionally enhanced to 300 dpi, making it perfect for print jobs that demand high legibility.

## The Monarch® 9416 XL™ Desktop Printer



### Special Features

- Easy to maintain: user changeable print head
- Replace platen in seconds
- Selectable print speed from 50.8 to 127 mm/sec
- Supplies: easy to load with a centre-based media guidance capacity with 300 m ribbon
- Connectivity: parallel, serial and USB interfaces as standard
- Power supply: auto ranging external power supply 100 V to 240 V, 50/60 Hz
- Options: linerless version, cutter, keyboard, internal ethernet and more

## Your Advantages

- Separate models available for thermal direct and thermal transfer printing
- Comprehensive options to enhance your business
- Cost-efficient
- Extended supply range: wide variety of media available
- High print speed: up to 127 mm/sec
- Large supply of labels and foils
- Maximised printing uptime: easy to maintain and use with 300 m ribbon
- On demand: switch the application and match the media – easily
- Small footprint – fits in anywhere
- Free positioning of full size sensor to use different shapes of material
- Dispenser & tear bar as standard feature
- Linerless version increases productivity
- Improved industrial design
- Emulations: EPL II, MPCL II autoselectable
- Free software: free starter edition of Nicelabel shipped with each printer

# ... efficiency is here, on demand!

For a wide variety of labelling applications, the compact Monarch® 9416 XL™ desktop printer is the right choice of you. Designed for decentralized print-on-demand jobs, it will help increase your efficiency and meet evolving business needs.

Would you like consultative advice, on-site service, and support in implementing your Avery Dennison devices? Just give us a call and we'll be there for you.

## The Monarch® 9416 XL™ Desktop Printer at a glance

Printer specifications:	9416 XL TD	9416 XL TT
Printing technology:	Thermal direct	Thermal transfer
Processor:	32-bit 200 MHz RISC processor	32-bit 200 MHz RISC processor
Size (H x W x D):	168 x 210 x 239 mm	229 x 235 x 330 mm
Weight:	1.9 kg	2.86 kg
Printhead:	Standard: 203 dpi	Standard: 203 dpi; optional: 300 dpi
Print speed:	127 mm/s	127 mm/s
Display:	1x LED	1x LED
Memory:	8 MB DRAM, 2 MB ROM	8 MB DRAM, 2 MB ROM
Printable barcodes:	UPCA (+2/+5), UPCE (+2/+5), EAN 8 (+2/+5), EAN 13 (+2/+5), EAN 128, Code 39, Codabar (NW7), Code 128 UCC (A,B,C), Code 93, Code 16K, Code 11, MSI, PDF417, MicroPDF417, POSTNET, MaxiCode, Plessey, 2 of 5 (only 9416 XL TT)	
Standard fonts:	5 alphanumeric, outline font	International characters, 5 alphanumeric fonts, loadable fonts, TrueType® and bitmapped fonts
Interfaces:	Serial port RS232-38.4K, parallel port Centronics, USB port V1.1	
Operating temperature:	5 - 40 °C	5 - 40 °C
Humidity:	5 - 90% non condensing	5 - 90% non condensing
Power supply:	external mains adapter Autoselect, 100 - 240 VAC 50/60 Hz	
Accessories/options:	Cutter, linerless version, keyboard 939i or KU - 008, internal ethernet, external supply holder, real time clock	

Material specifications:	9416 XL TD/TT
Label width:	19 to 108 mm
Label length:	6.3 mm to 254 mm
Roll length:	approx. 80 m (with ThermoEco), approx. 92 m (with 80 g/m <sup>2</sup> )
Foil roll length:	300 m

We reserve the right to make technical modifications. (01/2008)

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