



Poduzeće za opremanje trgovina, hotela i ostalih poslovnih prostora sa specifičnom opremom renomiranih svjetskih proizvođača



**The Monarch® 9416 XL™ Tabletop 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
Print area (width x length):	min. 19 x 6.3 mm, max. 108 x 254 mm	min. 19 x 6.3 mm, max. 108 x 254 mm
Display:	1x LED	1x LED
Memory:	8 MB DRAM, 2 MB ROM	8 MB DRAM, 2 MB ROM
Printable barcodes:	UPCA (+2/+5), UPOCE (+2/+5), EAN 8 (+2/+5), EAN 13 (+2/+5), EAN 128, Code 39, Codabar (NW7), Code 12B UCC (A,B,C), Code 93, Code 16K, Code 11, MSI, PDF417, MicroPDF417, POSTNET, MaxCode, 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 RS232C/38.4K, parallel port Centronics, USB port vers. 2.0	
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, keyboard 939i or KU - 008, internal ethernet, external supply holder	

  

Material specifications: 9416 XL TD/TT	
Label width:	19 to 112 mm
Label length:	10 mm to 254 mm
Roll length:	approx. 80 m (with ThermoEco), approx. 92 m (with 80 g/m²)
Foil roll length:	300 m

**The Monarch 9419**



**SPECIFICATIONS**

**DIMENSIONS**

<b>HEIGHT</b>	<b>WIDTH</b>
10" (254 mm) display upright 7.8" (198 mm) display down	8.8" (223 mm)
<b>DEPTH:</b>	<b>WEIGHT</b>
13.1" (333 mm)	8.9" (4kg)
<b>SHIPPING WEIGHT</b>	
12.8 lbs (5.8 kg)	

**PRINTING**

<b>PRINTING METHOD</b>
Thermal Direct or Thermal Transfer
<b>PRINT HEAD WIDTH</b>
4.25" (108mm / 812 dots)
<b>PRINT HEAD RESOLUTION</b>
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, UPCA, UPOCE, Code 39, Code 93, Code128UCC, Code128 subsets A,B,C, EAN and UPOC 2/5 digits add-on, MSI, POSTNET, EAN14, One-dimensional (Offline only) - PLESSEY, China Post, ITF14, Code 11, TELEPEN, TELEPEN, PLANET, Code 49, Deutsche Post Identcode, Deutsche Post Latticecode, 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)

**KEYPAD / DISPLAY**

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

**PRINTER CONTROL LANGUAGES**

MPCL, TSPL, EPL and MLJ

**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" (19-112 mm)  
Length: 203dpi: 0.1" - 1,000" (3 - 25,400 mm)  
300dpi: 0.1" - 450" (3 - 11,430 mm)

**MAX ROLL DIAMETER**

5" (127mm) on a 1" - 1.5" (25.4 - 38.1 mm)

**SUPPLY THICKNESS**

0.055-0.254 mm (2.17 - 10 mil)

**MAXIMUM PRINT AREA**

4.0" x 16.0" (102 mm x 406 mm) with the 203 dpi printhead  
4.0" x 13.0" (102 mm x 330 mm) with the 300 dpi printhead  
Larger images (up to 29" (75 cm) in length) can be printed using continuous supply and reallocating memory.

**RIBBON LENGTH**

300 Meters (11,811"), ink coated outside, max. 67 mm OD  
25.4mm (1") cardboard

**ENVIRONMENTAL RANGES**

**OPERATING TEMPERATURE/HUMIDITY**  
5 - 40°C, 25 - 85% non-condensing

**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

**PRINT SPEED:**

2.5 ips (64 mm/s)  
4 ips (102 mm/s)  
6 ips (152 mm/s)  
8 ips (203 mm/s) 203 dpi version only

## ADTP1 Tabletop



### SUPPLIES

Avery Dennison supplies are recommended.

### SUPPLY TYPES

Tags and adhesive labels (paper or synthetic) in roll or fanfold format perforated or continuous supply

### SUPPLY SIZES

Width: 0.75–4.25" (19.1 to 108.0 mm)  
Length: 0.32"–17.5" (8mm to 445mm)  
Max Roll Diameter: 9.375" OD (238 mm) on 3" Core (76mm) or 4" Core (102mm)

### TYPICAL SUPPLY ROLL LENGTH

7,874' (2400m) with standard media  
11,811' (3600m) with EcoCapacity+

### SUPPLY THICKNESS

5.5–13.5 mils (0.14–0.33mm)

### MAXIMUM PRINT AREA

4.0" x 16.0" (102 mm x 408 mm) with the 203 dpi print head  
4.0" x 13.0" (102 mm x 330 mm) with the 300 dpi print head  
Larger images (up to 16 feet) can be printed using continuous supply and reallocating memory

### RIBBON LENGTH

23,622" (600m)  
Core: 1" (25.4mm) plastic

### PRINTING METHOD

Thermal Direct or Thermal Transfer

### BAR CODES

One-dimensional—UPCA +2/+5, UPC-E +2/+5, EAN8 +2/+5, EAN13 +2/+5, EAN128 Interleaved 2 of 5, Extended Code 39, Codabar (NW7), Code 128, Code 16K, Code 93, MSI, Postnet, Intelligent Mail, GS1 Databar

Two-dimensional—PDF417, MaxiCode, Data Matrix (ECC-200), Quick Response (QR) Code, Aztec

### PERFORMANCE

#### POWER SOURCE

100–240 VAC with auto select 50/60 Hz  
Optional 24 VDC (U.S. and Canada Only)

#### PRINT SPEED

2.5 ips (64 mm/sec)  
4 ips (102 mm/sec)  
6.0 ips (152 mm/sec)  
8.0 ips (203 mm/sec)  
10.0 ips (254 mm/sec)—only with 203 dpi print head  
12.0 ips (305 mm/sec)—only with 203 dpi print head

### COMMUNICATIONS

#### STANDARD COMMUNICATION PORTS

USB 2.0 Device Port (1 port, B receptacle), USB 2.0 Host Port (2 ports, A receptacle), RS-232C Serial Port (DB-9F, DTE pin out, 115.2K

baud max comm. speed)

#### WIRED NETWORKING

802.3u Ethernet, 10/100 Mbps, RJ-45 connector

#### WIRELESS NETWORKING

Optional 802.11 a/b/g/n dual band (2.4GHz & 5 GHz), WPA2, 802.11i compliant

### OPTIONS & ACCESSORIES

#### OPTIONS

- 300 dpi print head
- Peel mode with on demand sensor
- Peel mode with on demand sensor and internal liner take-up\*
- ADK Script programming for special applications
- +24V DC-powered (Cart ready)\*

#### OPTIONS

- 933™ High Speed Cutter\*
- 928™ Stacker\*
- 935™ Rewind
- 938™ Verifier\*
- 939™ Intelligent Keyboard

### RFID

#### RFID ENCODER

Optional, EPCglobal UHF Class 1 Gen 2 / ISO 18000-63 (formerly 18000-6C). Supports worldwide UHF RFID frequency ranges.

#### RFID VERIFIER

Optional, integrated post-encode-and-print reader module. Validates actual encoded data against requested data.

## Freshmarx 9417+



The FreshMarx® 9417+ is a flexible food labeling solution designed to produce legible detailed food labels that comply with food safety standards. Pre-loaded data simplifies food labeling and eliminates mistakes in calculating food expiration dates.

#### Benefits:

- Accurate shelf-life, nutrition, and ingredient labels
- Automated, secure menu updates
- Video and document viewing
- Factory installed WiFi option
- Barcodes for Point-of-Sale or inventory scanning
- Open architecture supports custom applications
- Timers to track food prep

### PRINTING

#### PRINTING METHOD

Thermal Direct

#### PRINTHEADS

2 printheads

#### PRINT WIDTH

1.9" (48 mm)

#### PRINT HEAD RESOLUTION

203 dpi (8 dots per mm)

#### PRINT SPEED

4 IPS (102 mm/s)

## Pathfinder 6057



### PERFORMANCE

#### POWER SOURCE

7.4V Lithium Ion battery pack

#### PRINT SPEED

Up to 5 ips (127 mm/sec)

#### REWINDER

For label printing that remains in strips and not cut / stacked  
5% to 90%, non-condensing Electrostatic Discharge and Air.

#### SCANNER

Integrated 2D or 1D scanner

#### PRINT RATIO

90% black maximum per square inch

#### INCHES PER CHARGE

Up to 3,000" (76 meters) of 30% black printing on the supply. Factors such as scanning, use of LAN radios and duty cycle can reduce inches printed per charge.

#### BATTERY CYCLE LIFE

Approximately 300 full discharge cycles. Many factors affect individual battery performance.

#### RECOMMENDED DUTY CYCLE

33% duty cycle for continuous printing (5 minutes out of 15-minute time intervals). On demand or intermittent printing has no restrictions.

### OPTIONS

- 802.11 a/b/g/n dual band
- Integrated 2D or 1D scanner

### ACCESSORIES

- Battery (part#12009502) 9465™ four-station battery charger
- 9462™ single station battery charger
- Deluxe hand strap (part#130606)
- USB cable
- 6055/6054 communication/charging/docking station
- Shoulder strap (part#130605)
- Deluxe padded wrist strap (part#130604)

### SUPPLIES

The printer supports built cut, die cut and continuous supplies.

### SUPPLY TYPES

Tags, labels and receipt paper

### SUPPLY SIZES

Width - 1.1" up to 2.0" (28 mm to 51 mm)  
Length - 0.55" to 8.0" (14 mm to 203 mm)  
Supply Roll Lengths - 420" to 580" (10.7 to 14.7 meters)  
Custom lengths are available  
Minimum apply is 0.785" (19mm)

### SUPPLY THICKNESS

Tags - 7 mils (0.18mm)  
Labels - 2.4 mils (0.061mm)

### MAXIMUM PRINT AREA

1.89" x 7.94" (48 mm x 201.7 mm)