



# PW2NX

## 2-inch Mobile Label Printer

### Connectivity



- Bluetooth
- NFC
- USB
- WLAN

### Features



- Full 2.16" print width
- Built-in dispenser
- Six preinstalled emulations
- Customized programs
- Smart battery for easy management and full shift operation
- Numerous chargers and accessories
- Bright status LEDs and color display

### Compact & Durable



- Lightweight at 0.97 lbs. (444 grams), including battery
- 3.7" width, 5.0" depth and 2.7" height allows for easy carrying
- Shell structure absorbs 8.2 ft drop



# GENERAL SPECIFICATIONS / PW2NX

## PRINT SPECIFICATIONS

### Method

Direct Thermal

### Mode

Continuous, Tear-off, Cutter, Dispense, Linerless

### Print Resolution

203 dpi (8 dots/mm)

### Print Speed

3, 4, 5, 6ips (76, 101, 127, 152 mm/sec)

Linerless and Dispenser: Up to 4ips (101 mm/sec)

### Max. Print Area

Width: 2.16" (55 mm)

Length: 39.37" (1000 mm)

## MEDIA SPECIFICATIONS

### Sensor Type

Transmissive Sensor for Gap,

Reflective Sensor for I-mark

### Media Type

Roll (Die-cut, Continuous, Linerless Labels)

### Media Size (Without Liner)

#### Continuous

**Width:** 1.0 - 2.17" (25.4 - 55 mm)

With Liner: 1.12 - 2.28" (28.4 - 58 mm)

**Length:** 0.51 - 6.30" (13 - 160 mm)

With Liner: 0.63 - 6.42" (16 - 163 mm)

#### Tear-Off

**Width:** 1.0 - 2.17" (25.4 - 55 mm)

With Liner: 1.12 - 2.28" (28.4 - 58 mm)

**Length:** 0.51 - 6.30" (13 - 160 mm)

With Liner: 0.62 - 6.42" (16 - 163 mm)

#### Dispenser

**Width:** 1.0 - 2.17" (25.4 - 55 mm)

With Liner: 1.11 - 2.28" (28.4 - 58 mm)

**Length:** 0.62 - 6.30" (16 - 160 mm)

With Liner: 0.74 - 6.42" (19 - 163 mm)

#### Linerless

**Width:** 1.97 - 2.28" (50 - 58 mm)

**Length:** 0.63 - 4.72" (16 - 120 mm)

#### Receipt

**Width:** 1.06" - 2.28" (27-58 mm)

### Media Thickness

0.0025" - 0.0074" (0.064 - 0.19 mm)

### Roll Diameter

Maximum Outside Diameter: 2.36" (60 mm)

### SATO Genuine Consumables

For maximum print quality and optimum use, SATO recommends the use of SATO genuine consumables.

## COMMUNICATION INTERFACES SPECIFICATIONS

### Standard

USB 2.0 (Type B), Bluetooth® Ver. 3.0 (iOS Support), NFC

### Optional Wireless LAN Kit

Wi-Fi®, Wi-Fi Direct® and CCX (Cisco®) Certified, IEEE 802.11a/b/g/n, Dual Band (2.4GHz, 5GHz)

## MEMORY & PROCESSING

### Printer Memory

2GB Flash, 512MB RAM

Receive Buffer: 2.95MB

### Processor

32-Bit RISC CPU

## USER FRIENDLY SUPPORT TOOLS

### Large Status LED

Blue/Red

### Audible Alerts

Activated When Printer Requires Attention

### Self Diagnosis

Thermal Head Check, Paper End Detection, Test Print, Cover Open Detection, Auto Power Off

### Display Panel

Organic EL Display (128 x 64 dots)

### Remote Maintenance

SNMP Ver. 3, HTTP (Web Interface)

### Emulation

SBPL® (Standard), SPOS®, SCPCCL®, SZPL®, SDPL®, SIPL®, STPCL®

### SATO All-In-One Tool (AIOT)

Link to supported printer(s) via auto discovery or manual entry; easily send print jobs using mobile devices; Configure control any SATO printer regardless of its location in the world

## FONT SPECIFICATIONS

### Internal Fonts

#### Standard Bitmap & Scalable Fonts

10 Bitmap SATO Fonts, 13 Scalable SATO Fonts, SATO CG Sleek, SATO CG Stream, Multi-National Language Support (47 Languages/Unicode), Single and Double Byte Fonts (Korean, Chinese, Japanese)

#### Encoding

Major Latin and Pan-European Code Pages (WGL4), GB18030 (Simplified), KSX1001 (Korean), BIG5 (Traditional), JIS, SHIFTJIS, UTF-8 and UTF-16BE

## BARCODE SYBLOGIES

### Barcodes

#### Linear

Code 39, Code 93, Code 128, CODABAR (NW7), EAN(JAN)8/13, GS1-Databar™, GS1-128 (UCC/EAN128), Interleaved 2/5, Industrial 2/5, Matrix 2/5, MSI, Bookland, Postnet™, UPC-A/E

#### 2D Symbolgies

PDF417, Micro PDF, Maxi Code, GS1 Data Matrix, Aztec, QR Code, Micro QR Code and Composite Symbolgies

## OPERATING & ENVIRONMENT CHARACTERISTICS

### Electrical Requirements

AC100V~AC240V, 50/60 Hz (AC Adapter) ;

Output: DC10V + 1.0V / -0.0V 1.5A

Energy Star Compliant

### Standards & Agency Approvals

CE Marking, IEC60950-1, EN60950-1, EN55022, EN55032, EN55024, EN61000-3-2/3-3, EN 301 489-1/-3/-17, EN 300 330-2/-1, RE, MET/cMET, FCC15B/C/E, CCC, SRRC, IDA, SIRIM, NTC, SDPPI, RCM

### Environment

#### Operating

23 to 104°F (-5 to 40 °C), 30-80 % RH (Without Condensation)

#### Storage

-13 to 140°F (-25 to 60 °C), 10-90 % RH (Without Condensation)

#### Battery

7.2V (1950 mAh)

## PHYSICAL CHARACTERISTICS

### Dimensions

Width: 3.74" (95 mm)

Depth: 5.04" (128 mm)

Height: 2.69" (68.2 mm)

### Weight

0.97 lbs. (444g) Excluding Paper, Including Battery Weight of 0.23 lbs. (105g)

### Durability

Withstands Multiple 8.2 ft. (2.5 m) Drop Impacts

## ACCESSORIES

### Included

Lithium-ion Battery, Belt Clip

### Optional

1-Bay / 4-Bay Charging Cradle, 1-CH Battery Charger, Lithium-ion Battery, AC Adapter, Vehicle Adapter, Standard Vehicle Mount Solution from RAM Mount, Shoulder Strap, Carrying Case

## WARRANTY

1 Year

## SATO AMERICA CORPORATE

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## LABEL MANUFACTURING, SERVICE & SALES

UNITED STATES MEXICO CENTRAL AMERICA  
CANADA CARIBBEAN



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