



# PW4NX

4-Inch Mobile Thermal Printer

*Fast and Reliable*



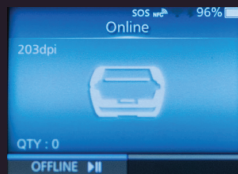
## *Dependable*

- Robust & Rugged design that can withstand drops of 7 feet
- IP54 rated against dust and water
- Remote management via SOTI and SOS
- Easy user replacement of print head and platen roller
- Optional DC/DC forklift adapter



## *Efficient*

- Fast 6 ips consistent print speed
- High quality print even when the battery charge is low
- 2.4" color display
- Video tutorials



## *Intelligent*

- Pre-installed emulations
- Standalone printing with apps; directly connect a barcode scanner
- Connectivity for Apple, iOS, Android, and Windows



# GENERAL SPECIFICATIONS / PW4NX

## PRINT SPECIFICATIONS

### Method

Direct Thermal

### Mode

Continuous, Tear-off, Cutter, Dispense, Linerless

### Print Resolution

203 dpi (8 dots/mm)

### Print Speed

2 – 6 ips (51 - 152 mm/sec)

Linerless & Dispenser: 2 to 4 ips (51 - 101 mm/sec)

### Max. Print Area

Width: 4.09" (104 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:** 1.5 – 4.37" (38 - 111 mm)

With Liner: 1.61 – 4.49" (41 - 114 mm)

**Length:** 0.51 – 12" (13 - 305 mm)

With Liner: 0.63 – 12.13" (16 - 308 mm)

#### Tear-Off

**Width:** 1.5 – 4.37" (38 - 111 mm)

With Liner: 1.61 – 4.49" (41 - 114 mm)

**Length:** 0.63 – 12" (16 - 305 mm)

With Liner: 0.75 – 12.13" (19 - 308 mm)

#### Dispenser

**Width:** 1.5 – 4.37" (38 - 111 mm)

With Liner: 1.61 – 4.49" (41 - 114 mm)

**Length:** 0.63 – 10" (16 - 254 mm)

With Liner: 0.75 – 10.12" (19 - 257 mm)

#### Linerless

**Width:** 1.5 – 4.49" (38 - 114 mm)

**Length:** 0.63 – 10.12" (16 - 257 mm)

#### Receipt

**Width:** 1.06" – 2.28" (27 - 58 mm)

### Media Thickness

0.0023" – 0.0075" (0.058 - 0.1905 mm)

### Outer Roll Diameter

Maximum Outer Diameter: 2.63" (67 mm)

### Inner Roll Diameter

0.75" (19 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 High Speed type B mini, Bluetooth Ver.5.0 BLE, NFC 802.11a/b/g/n/r/ac Dual band WLAN (2.4 GHz, 5 GHz)

## MEMORY & PROCESSING

### Printer Memory

8GB ROM, 1 GB RAM

Receive Buffer: 2.95MB

### Dual CPUs with a 1GHz

## USER FRIENDLY SUPPORT TOOLS

### Large Status LED

Blue/Red/Green (Battery)

### 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

2.4-inch color display (80° viewing angle)

### Remote Maintenance

SNMP Ver. 3, web interfaces, SATO Online

Services (SOS), All-In-One Tool (AIOT), SOTI

Connect

### Emulation

SBPL®, SZPL, SCPL, SIPL, STPCL, SDPL

### 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

U, S, M, WB, WL, XU, XS, XM, XB, XL, OCR-A, Height: 3.35" (85 mm)

OCR-B

#### Scalable Fonts

SATO CG Sleek, SATO CG Stream, 13 SATO Fonts, 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 Symbolologies

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

## OPERATING & ENVIRONMENT CHARACTERISTICS

### Electrical Requirements

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

Output: DC19V +/- 5% 2.37A

### 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

5 to 122°F (-15 to 50 °C), 10-90 % RH (Without Condensation)

#### Storage

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

#### Battery

14.4V (2550 mAh)

## PHYSICAL CHARACTERISTICS

### Dimensions

Width: 7.09" (180 mm)

Depth: 7.68" 04" (195 mm)

Height: 2.69" (68.2 mm)

### Weight

3.17 lbs. (1,440g) Excluding Paper, Including battery

### Durability

Withstands Multiple drops at 7ft (2.13 m). Rated IP54

## ACCESSORIES

### Included

Lithium-ion Battery, Belt Clip

### Optional

1-Bay / 4-Bay Charging Cradle, 1-CH Battery Charger, Lithium-ion Battery, AC Adapter, DC Adapter, Battery Eliminator with AC Adapter, Cigarette Adapter, Hand Strap, Belt Clip, Shoulder Strap, Carrying Case, Printer Stand, Mounting Bracket, Cold Case and Linerless Kit.

## WARRANTY

1 Year

