



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)

Outer Roll Diameter

Maximum Outer Diameter: 2.36" (60 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 (Type B Mini), Bluetooth® Ver. 3.0 (iOS Support), NFC

Optional Wireless LAN Kit

Wi-Fi® and Wi-Fi Direct® 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®, SCPCL®, 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

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

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