PW2NX

2-inch Mobile Label Printer

Connectivity

PW2NX

Mobile Computer

Tablet PC

Smartphone

PC

- 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

3.74"

5.04"

2.69"

- 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

Made for **iPhone** | **iPad** | **iPod**

www.satoamerica.com/PW2NX

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®, 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 SYMBOLOGIES

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

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

WiFi CERTIFIED®

www.satoamerica.com/PW2NX