

Small in size. High on performance.



PW2NX Series

A powerful compact 2-inch
mobile printer range

The Last Inch®



Unleashing the Power of IoT



satoeurope.com

| PRINTING SPECIFICATION | | PW2NX | |
|--|--------------------------|--|---------------------------|
| Printing Method | | Direct Thermal | |
| Print Resolution, dots/mm (dpi) | | 8 dot/mm. (203dpi) | |
| Max. Print Area | Width, mm (inch) | 55 mm. (2.2") | |
| | Length, mm (inch) | 160mm. (6.3") | |
| Max. Print Speed, mm/sec (ips) | | 152 mm/sec (6 ips). Intelligent control for fast, consistent printing | |
| Display | | Organic Electroluminescent display, high brightness + wide-angle viewing. Prominent red, green and blue status LEDs | |
| CONSUMABLES SPECIFICATION. SATO labels provide optimum performance | | | |
| Sensor Type | | Gap (Transmissive) and I-Mark (Reflective) | |
| Media Type | | Roll die-cut labels and continuous media with release liner. Linerless media handling as standard. Receipt paper | |
| Media Thickness | | 64 to 190µm (0.064 to 0.19mm) | |
| Label Roll | Diameter | Max. external diameter 60 mm. (2.4") | |
| | Wind Direction | Face-out | |
| Label Size | Continuous | Width | 25.4 - 55mm. (1.0 - 2.2") |
| | | Length | 13 - 160mm. (0.6 - 6.4") |
| | Tear Off | Width | 25.4 - 55mm. (1.0 - 2.2") |
| | | Length | 16 - 160mm. (0.6 - 6.3") |
| | Dispenser | Width | 32 - 55mm. (1.3 - 2.2") |
| | | Length | 25 - 160mm. (1.0 - 6.3") |
| | Linerless | Width | 50 - 58mm. (2.0 - 2.3") |
| | | Length | 16 - 120mm. (0.6 - 4.7") |
| FONTS / SYMBOLOGIES | | | |
| Fonts | Standard Fonts | Multiple Bitmap fonts. Helvetica Outline font. Multiple rasterized fonts. Refer to Operator Manual for full list. | |
| Barcodes | 1D Barcode | UPC-A. UPC-E. JAN/EAN. CODE 39. CODE 93. CODE 128. GS1 128(UCC /EAN 128). CODABAR (NW-7). ITF, Ind 2 of 5, Matrix 2 of 5, Customer Barcode, UPC Add-on Code, BOOKLAND, GS1 DataBar Omni-directional, GS1 DataBar Truncated, GS1 DataBar Stacked, GS1 DataBar Stacked Omnidirectional, GS1 DataBar Limited, GS1 DataBar Expanded, GS1 DataBar Expanded Stacked. | |
| | 2D Barcode | QR Code (including Micro QR), Security QR, PDF417 (including Micro PDF), MAXI Code, GS1 DataMatrix, DataMatrix (ECC200), Aztec Code | |
| Print Rotation | Character Data / Barcode | 0°, 90°, 180°, 270° | |
| INTERFACE CHARACTERISTICS | | | |
| Interfaces | USB / Bluetooth Model | Bluetooth 3.0 with iOS support. USB 2.0 High Speed | |
| | Wireless LAN Model | Bluetooth 3.0 EDR, iOS support. USB. IEEE802.11a/b/g/n. | |
| | Remote management | SATO All-in-One Configuration utility. SNMP. Web Browser (Wifi). | |
| | NFC | For fast device pairing and rapid configuration | |
| Drivers | | Windows, SAP, NiceLabel, Bartender, Teklynx, SATO CUPS driver for Linux and Mac OS | |
| Language Emulations | | SBPL, SPOS, SCPCL, SZPL, SDPL, SIPL, STPCL | |
| OPERATING CHARACTERISTICS | | | |
| Power Requirements | | AC Adaptor/charger. Input voltage AC100-240V (auto switching). Output voltage 10v DC, 1.9A | |
| Battery | | Lithium-ion Smart Battery. 7.2V, 1950 mAh | |
| Power Saving | | Smart battery with intelligent charging and usage technology. Programmable sleep functions | |
| Dimensions | | W 95 mm x D 128 mm x H 68 mm | |
| Weight | | 437.8g (including battery) | |
| Drop Testing | | 2.1 metres, all faces. | |
| Casing construction | | Polycarbonate and shock-absorbing elastomer | |
| Operating temperature | | -15 to 50°C (5 to 122°F). WLAN model: 0 to 50°C (32 to 122°F). In Linerless mode: 5 to 35°C (41 to 95°F) | |
| Humidity | | 10 to 85% RH. WLAN model: 20 to 80% RH. In Linerless mode: 30 to 75% RH (All non-condensing) | |
| MISCELLANEOUS | | | |
| Certifications | | European compliance CE. Bluetooth MFi Certification. Wi-fi certification. FCC. ROHS compliant. | |
| Operator Function | | Operator keys and display are "Island" grouped for ease of operation. Extensive Icon-driven user functions. | |
| Self Diagnosis Functions | | Head check, Battery check, Paper end detection, Head open detection, Sensor error detection, Data error check. Overcharge / over discharge protection, Test print. | |
| OPTIONS | | | |
| Accessories | | Spare battery, Single battery charger, 1 Bay and 4 Bay Charging Cradles for vehicle, desk or wall-mounting , AC Adaptor (charges battery inside the printer). Standard and Heavy Duty Carry Cases. Shoulder Strap, Vehicle charger. | |

Version: February 2018. Rev A. Specification subject to change without notice.

