

NT-PC301D-LN Thermal Label Printer



1 Introduction

1.1 Brief introduction

This printer is designed for real-time and batch label printing, with standard USB port. Direct thermal printing are available in printer body, you can choose various kinds of printing materials, for example: thermal paper, plastic paper, fan fold paper etc.

Common 1D barcode and 2D barcode fonts are built inside printer, also it support 4 direction printing, characters can be enlarged from 1 to 10 times. Besides, it supports 5 different size bitmap fonts, OCR-A and OCR-B fonts, together with 203dpi higher print resolution, this series printer are your best choice among the same class.

1.2 Application Field

1) **Manufacturing & Warehousing logistic industry**

- Product labeling and marking
- Warehouse management label
- Category marking label
- Operation instruction marking label
- Distributing instruction marking label

2) **Healthcare**

- Patients marking
- Medicine marking
- Specimen marking

3) **Parcel Post**

- Mailing label

4) **Office & Studio**

5) **Retail**

- Price Label marking
- Product item marking
- Jewelry product marking

2. Main features

- 1)Free bundled labeling software and Driver
- 2)Can print text, bar code, pictures
- 3)Built in 8 dot matrix font English number
- 4)Built in simplified Chinese, traditional and Korean font for programming.
- 5)2MB SDRAM Memory
- 6)2MB FLASH Memory

3 Specification

	Item	Parameter
Printing parameter	Printing method	Thermal printing
	Resolution	203DPI,8 dots/mm
	Max Printing width	25mm--108 mm (4.25")
	Max Printing speed	120 mm/s
	Max.print length	2286 mm (90")
	Interfaces	USB 2.0
Power supply	Input	100-240V AC,50-60HZ
	Output	24V DC-2.0A
	External universal switching power supply	
Characters	Memory	2MB FLASH Memory
		8MB SDRAM
	Printer language	TSPL(EPL、ZPL、 DPL)
	Internal fonts	8 alpha-numeric bitmap fonts
		Windows fonts are downloadable from software.
	Font and barcode rotation	0° 、 90° 、 180° 、 270°
Processor	32-bit RISC CPU	
Bar codes	1D	Code 39, Code 93, Code 128UCC, Code 128 subsets A, B, C, Codabar, Interleaved 2 of 5,EAN-8,EAN-13, EAN-128, UPC-A, UPC-E, EAN and UPC 2(5) digits add-on, MSI, PLESSEY, POSTNET, China POST
	2D	PDF-417, Maxicode, DataMatrix, QR code
	Support picture format	BMP , PCX
Detection function	Sensor	Paper out, cover opened, paper will be lack(optional),un-take out printed paper(optional)
Physical characteristics	Paper loading	Easy paper loading
	Operating condition	-10℃ ~ 50℃ , 25% ~ 80%RH
	Storage condition	~40℃ ~ 70℃ , ≤93%RH (40℃)
	Outline dimension	230mm×180mm×180mm (L×W×H)
	Weight	1.1Kg
Certification	Certification	FCC、 CE、 CCC

4. Product introduction

4.1 Open and check

This series printer is with special package to prevent damage in transportation. If there is any unexpected damage occurred, please put in clean and stable surface and carefully open the package to check, inform local distributor with damage details, and keep packing materials well in case you need to mail the printer.

Packing list:

- 1) One Label printer
- 2)CD (Driver, Nice label software, User Manual)
- 3) Power Adapter
- 4) Power Cord
- 5) USB cable (Serial **cable optional**)

Please pack equipment and materials needed for safekeeping printer for subsequent handling; if the above items, any lost or missing, please Customer Service Department of your purchase contact

5. Installation

5.1 Install the printer

1. Please put the printer on the stable surface.
2. Make sure printer power is turned off, please do not plug the power cable when the printer power is turned on.
3. Connect sUSB cable to printer and PC.

4. Connect power plug to power supply socket.

Be careful:

- ※ Please turn off the power switch the printer in the power socket, power line is inserted into the printer.

- ※ Transmission interface in the picture will vary depending on your printer purchased aircraft type, the actual transmission interface, please refer to the corresponding product specifications.

6. Maintenance

6.1. Printer Cleaning

To ensure the printing quality, please proceed this maintenance section to keep your printer in good conditions and extend its life as well.

Please use one of following material to clean the printer.

- Cotton swab
- Lint-free cloth
- Vacuum / Blower brush
- 100% ethanol