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Nano Thermal Receipt Printer - TTL Serial

PRODUCT ID: 2752

57 IN STOCK

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☐ **Also include 1 x Thermal Paper Roll - 16' long, 2.25" ()**

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DESCRIPTION

TECHNICAL DETAILS

DESCRIPTION

Add a *really really small* printer to any microcontroller project with this very cute thermal printer. Thermal printers are also known as receipt printers, they're what you get when you go to the ATM or grocery store. Now you can embed a little printer of your own into an enclosure. This printer is ideal for interfacing with a microcontroller, you simply need a 3.3V-5V TTL serial output from your microcontroller to print text, barcodes, bitmap graphics, even a QR code!

This package comes with a nano Thermal Receipt Printer and a 4-pin TTL cable. One 16' roll of thermal paper is also included! The printer uses very common 2.25" wide thermal paper, and it can fit up to 16' of paper in the bay at once with a diameter of ≤ 22mm. The 16' long, 2.25" wide Thermal Paper Roll in our store works perfectly!
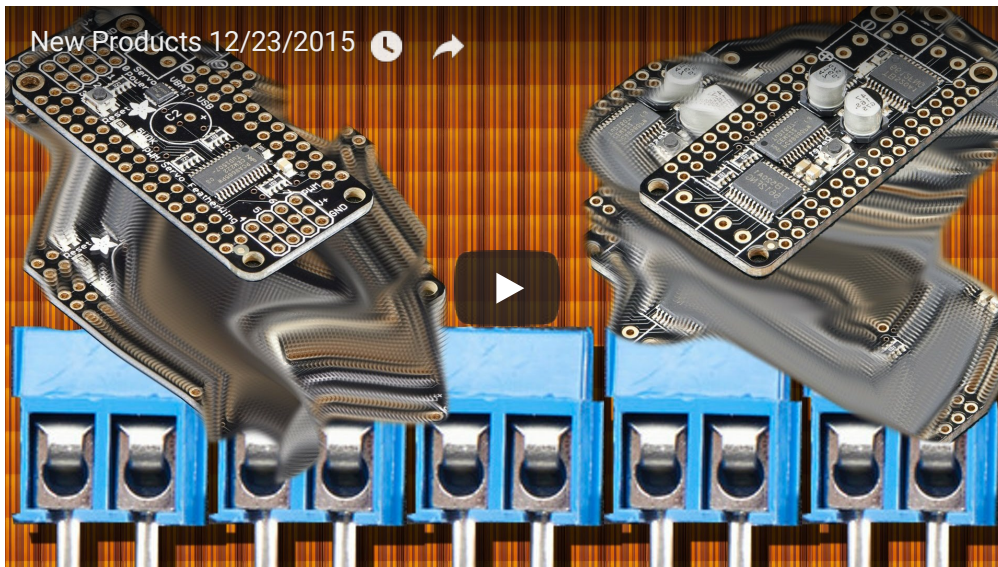
We have quite a few sizes of embeddable thermal printers, larger ones can hold more paper in the bay, but are of course larger. All are identical 'code wise', although some have slightly different baud rates. Check out our full range of thermal printers!

You will also need a 5 to 9VDC regulated power supply, that can provide 1.5A or more during the high-current print - our 5V 2A power supply will work very nicely. And also we suggest picking up a 2.1mm jack terminal block adapter which will make it easy to connect the power adapter.

We really like this printer because its easy to make **Bold,** underline, inverted text, variable line spacing, left/center/right justification, barcodes in 11 standard formats with adjustable height, and even **custom bitmap graphics.**

Of course, we wouldn't leave you with a datasheet and a "good luck!" - We have a full tutorial and matching Arduino library that demonstrates the following:

- Printing with small, medium and large text
- **Bold** and underline text
- Inverted text
- Variable line spacing
- Left, center and right justification
- Barcodes in the following standard formats: **UPC A, UPC E, EAN13, EAN8, CODE39, I25, CODABAR, CODE93, CODE128, CODE11** and **MSI** - with adjustable barcode height
- Custom monochrome bitmap graphics!
- How to include a QR code

TECHNICAL DETAILS

- Requires ~2.25" wide paper roll
- Paper roll diameter: ≤ 22mm
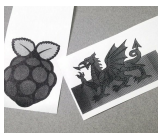- Paper roll length: 16'
- Power Voltage: 5~9V

- Printing Speed: 25-70mm/s
- Resolution: 8 dots/mm. 384 dots/line
- Barcode support: EAN13, EAN8, Code39, Code93, Code128, ITF, Codebar, UPC-A, UPC-E
- Color: Black
- Printer Dimensions: 44.4mm x 78.6mm x 47.4mm / 1.7" x 3.1" x 1.86"

LEARN

Mini Thermal Receipt Printer
Print receipt paper from a little printer

Networked Thermal Printer using Raspberry Pi and CUPS
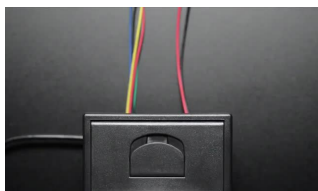Thermal printer results like you've never seen...

Instant Camera using Raspberry Pi and Thermal Printer
Pixelated photo DIY chic

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Tiny Thermal Receipt

Mini Thermal Receipt Printer

Mini Thermal Receipt Printer

Thermal Receipt Printer

Thermal Paper Roll - 33'

Thermal Paper Roll - 16'

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