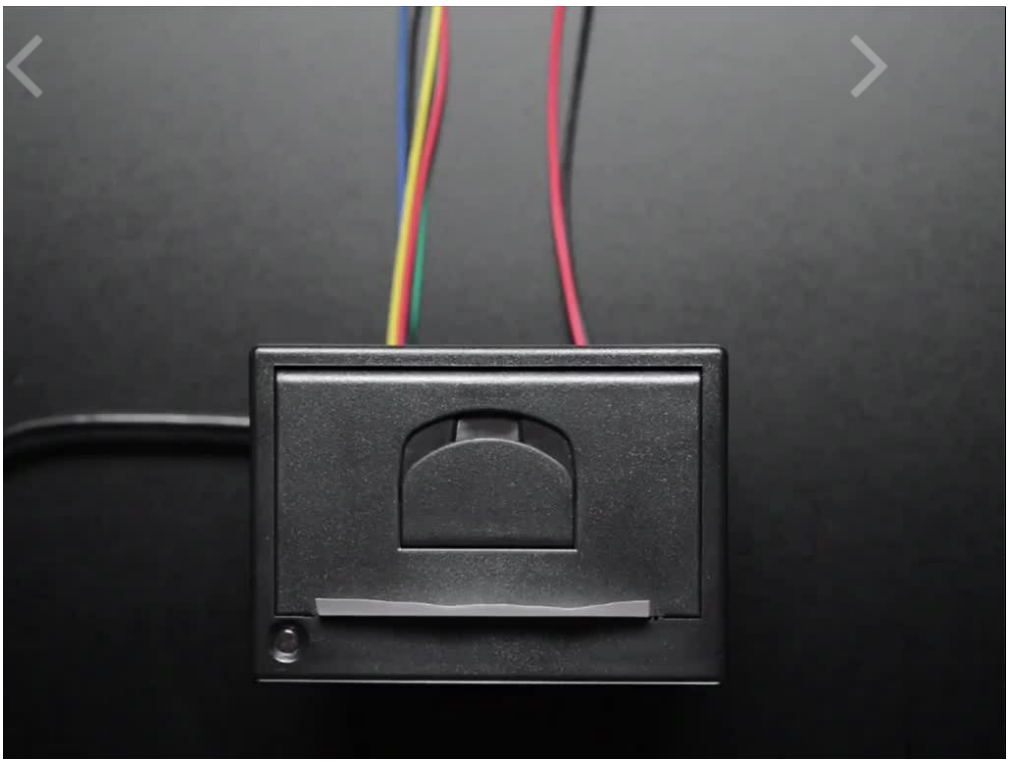

Tiny Thermal Receipt Printer - TTL Serial / USB

PRODUCT ID: 2751

2 IN STOCK

1 ADD TO CART

☐ **Also include 1 x Thermal Paper Roll - 33' long, 2.25" ()**

1-9

10-99

100+

ADD TO WISHLIST

DESCRIPTION

TECHNICAL DETAILS

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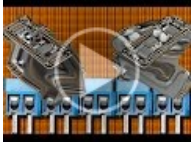

DESCRIPTION

Add a *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 or computer, as you just plug it in via **USB *or* TTL Serial** to print text, barcodes, bitmap graphics, even a QR code!

This package comes with a Mini Thermal Receipt Printer, a USB cable, a JST cable, and a 4-pin TTL cable. One 33' roll of thermal paper is also included! The printer uses very common 2.25" wide thermal paper, and it can fit up to 33 ft of paper in the bay at once with a diameter of ≤ 30mm. The 33' 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 9V regulated power supply, that can provide 1.5A or more during the high-current print - our 5V 2A switching power supply will work very nicely. You'll need to give that external power if you are using USB for power, you cannot power it over the USB cable.

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

If you're using the built-in USB chip instead of TTL serial, you can use our Python example code

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TECHNICAL DETAILS

Note: As of Friday, April 1st 2016, we are now shipping this product with a right angled mini USB.

- Requires ~2.25" wide paper roll
- Paper roll diameter: ≤ 30mm
- Paper roll length: 33'
- Power Voltage: 5~9V
- Connectors: 9600 baud TTL or USB
- Windows XP/Vista/7/8 or MacOS X 10.9 to 10.11 PL2303 USB drivers. Newer Mac drivers available @ Prolific
- 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, QRCode, PDF417
- Color: Black
- Printer Dimensions: 58mm x 82mm x 44.3mm / 2.3" x 3.2" x 1.7"

LEARN

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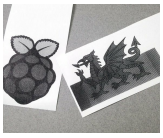
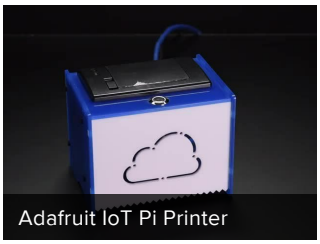
Mini Thermal Receipt Printer
Print receipt paper from a little printer



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

MAY WE ALSO SUGGEST...



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"Science, engineering, design, and art can together be viewed as a circle where the output of one is the input of another" - Joi Ito

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4.9 ★★★★★
Google
Customer Reviews

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