

Why should you use a thermal printer? Which type of thermal printer is best?

Unlike inkjet and laser printers, thermal printers are considered a popular, low-cost printing method suitable for high-performance printing needs in many different industries and fields. So why should you use a thermal printer? Which type of thermal printer is best? Reading the information in the article below will help you find the answers.

The demand for printing invoices from businesses, establishments, and households is constantly increasing. With so many different types of printers available, choosing the right one is not easy. This article, "Why should you use a **thermal printer? Which thermal printer is best?**", will provide comprehensive information about thermal printers, helping you understand and easily select the invoice printer that best suits your needs.



Should you buy a thermal printer? Which thermal printer is the best?

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1. What is a thermal printer? Is it any good?

Thermal printers (receipt printers) are a type of printer that uses heat to create text and images, commonly used for printing sales receipts and postal information. This significantly reduces costs compared to conventional printers. Furthermore, most thermal printers offer fast and accurate printing speeds, meeting the necessary requirements for issuing sales invoices.

Advantages of thermal printers:

- Affordable and easy to buy: Budget-friendly thermal printers are readily available on e-commerce platforms, priced from only 500,000 to 1,000,000 VND.
- Easy connection via Bluetooth, LAN, etc.
- Fast printing speed, 5-10 seconds per invoice.
- Because it uses thermal printing, there will be no ink costs throughout its use.
- Compact design, can fit into any tight space.
- Operates silently and is highly durable.

If you're in the service or retail business, you'll need barcode printers and label printers to create orders from your phone, computer, or POS system. Below is a list of the best barcode and label printer models for your reference and selection.

2. The best thermal printers currently available.

2.1. Xprinter XP-58IIH Thermal Printer



Basic specifications:

- Printing technology: Direct thermal printing
- Printer resolution: 203 dpi
- Paper size: 58 mm
- Printing speed: 90 mm/s
- Paper roll diameter: 65 mm
- Interface: USB
- Safe connection port: RJ11
- Reference price: 420,000 VND

The Xprinter XP-58IIH mini thermal printer, or receipt printer, is one of the most popular brands today, used in shops, restaurants, mini-supermarkets, etc. Thanks to its fast printing speed, the payment and billing process for customers becomes more professional.

One of the impressive features of this affordable thermal printer series is its support for many different international fonts. Compatible operating systems include Windows, MacOS, and Linux, allowing easy connection to all computers and printing of Vietnamese receipts. Additionally, the USB port connects to the computer and the RJ11 port on the cash drawer creates a strong connection.

2.2. Epson TM T82III Thermal Printer



Basic specifications:

- Printing technology: Direct thermal printing
- Printer resolution: 203 dpi
- Paper size: 80 mm
- Printing speed: 220mm/s
- Interface: USB
- Reference price: 2,466,240 VND

The BIXOLON SRP E302K thermal printer is suitable for limited spaces such as mini-supermarkets, convenience stores, cafes, department stores, clothing shops, etc. Its automatic receipt cutting feature at the end of each bill order, combined with a printing speed of 220mm/s, maximizes efficiency in sales receipt issuance, ensuring your customers don't have to wait long.

This thermal printer can also interact directly with the user via LED lights, the purpose of which is to notify the printing status, including: out of paper notifications, invoices being issued, etc.

In addition to the printer models mentioned above, Brother's color inkjet, laser, and thermal printers are also highly rated by users for their quality, price, and printing speed. You can refer to the best Brother printer models currently available to compare and make an informed purchase decision.

2.4. Xprinter N160II Receipt Printer



Basic specifications:

- Printing technology: Direct thermal printing
- Printer resolution: 203 dpi
- Paper size: 80 mm
- Printing speed: 160 mm/s
- Interface: USB
- Reference price: 1,390,000 VND

The Xprinter N160II thermal printer has a compact design and is compatible with many popular point-of-sale software such as POS and EDC, making it an ideal choice for small and medium-sized businesses and stores.

One outstanding feature of this affordable receipt printer is its ability to automatically notify users when the paper runs out, automatically cut the receipt when printing, and operate silently throughout the entire process.

If you're looking to buy a black and white printer for general document and text printing needs, you can refer to this list of the 5 best black and white printers currently available, priced under 5 million VND, to narrow down your options and make an informed decision.

Thermal printers offer many advantages; however, understanding their operation and uses is crucial for choosing the right product to suit your needs. Hopefully, this article will be helpful and assist you in making the best choice.

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