

## PC COMPONENTS GUIDE

This special issue explains which components are currently recommended for building or upgrading a desktop computer. The latest 3D games and Al software demand ever-increasing performance. In addition, the end of support for Windows 10 has created a greater need for new PCs.

Comprehensive buying guides for processors, graphics cards, monitors, and coolers help PC hobbyists select the optimal hardware for their personal application profile. In the major performance comparisons, over 50 CPUs and GPUs compete against

each other in terms of performance and efficiency. The magazine also contains numerous tests of fast SSDs, powerful graphics cards, strong power supplies, inexpensive motherboards, compact CPU coolers, large hard drives, and high-resolution displays. Background articles show you how to make Ryzen 9000 systems more economical, whether overclocking RAM is worthwhile, and which processors are particularly well suited for affordable gaming PCs. The magazine also highlights how insufficient graphics card memory affects the frame rate in 3D games.

### **TOPICS**

### **Processors and motherboards**

- CPU 1 guide 2025: Buying advice
- CPU 2 guide 2025: Performance comparison
- Affordable CPUs for gamers
- Optimize Ryzen 9000
- Ryzen motherboards with 800 series chipsets
- Intel 800 series motherboards
- Fast RAM (overclocking memory)

### **Graphics cards & monitors**

- Graphics card buying guide
- 54 graphics cards in a benchmark comparison
- Radeon RX 9070 and 9070 XT
- High-end graphics cards RTX 5080 and 5090
- Memory shortage in graphics cards
- Monitor buying guide
- Curved displays
- Two 5K displays

# Coolers, cases & power supplies

- Buying advice for coolers
- Comparison test of air coolers
- Flat coolers
- Mini-ITX case Era 2
- FAQ ATX power supplies
- ATX power supplies 500 to 850 watts

### SSDs & hard drives

- Large SSD test
- Hard drive basics
- Hard drive test (30 TB HAMR)

### DATES

# On sale

19 Dec 2025

## **Space close**

27 Nov 2025

## Materials

02 Dec 2025

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