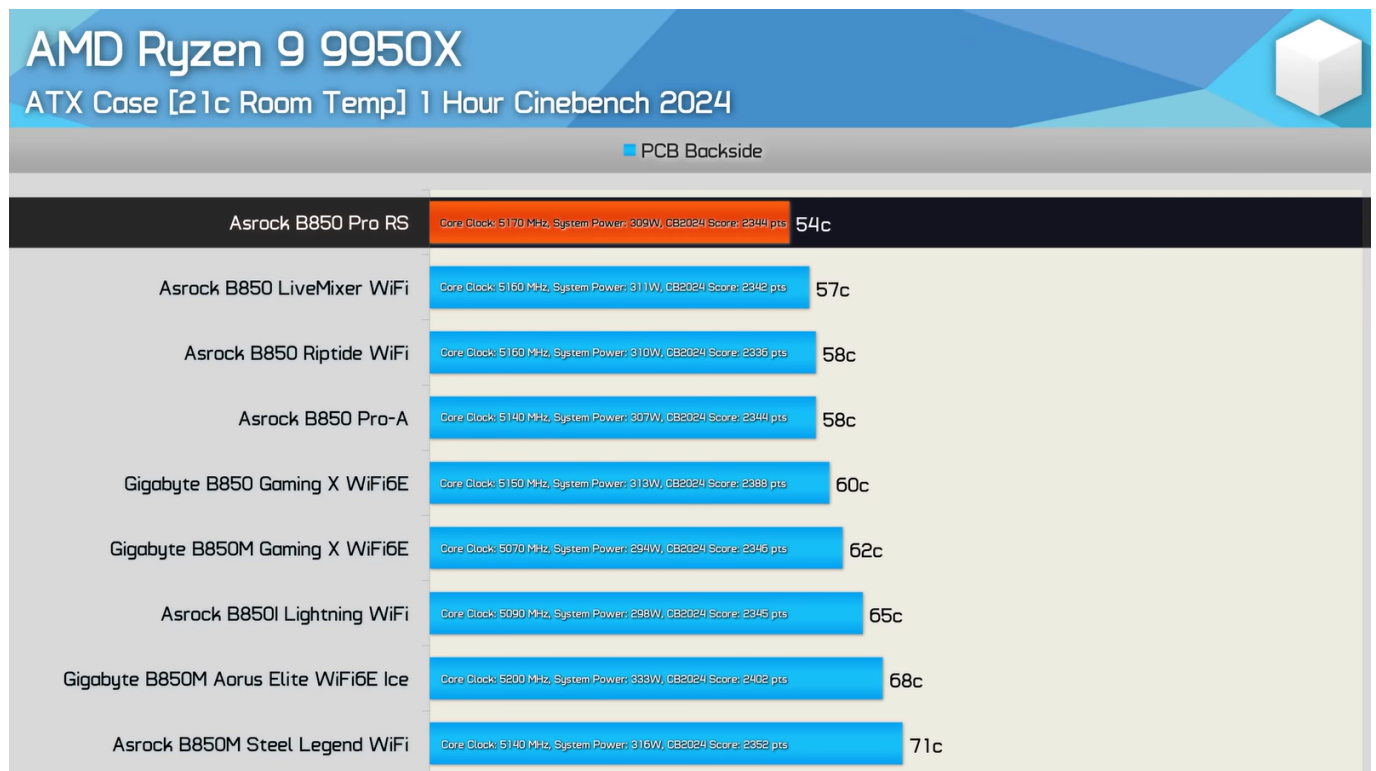


## B850: The best and worst, inexpensive AM5 matters for powerful Ryzen are announced

On the Hardware Unboxed YouTube channel, they explained what options for cheap motherboards for AMD B850 are now worth paying attention to.

Testing was involved in such models of motherboards as **ASROK** B850M-X [160W PPT] B850M-X R2.0 [160W PPT] B850 Pro-A, B850M Pro-A, B850M Pro RS, B850M Riptide WiFi, B850 Pro RS, B850M Steel Legend, B850 LiveMixer Wi-Fi, B850i Lightning WiFi, B850 Riptide WiFi, PRIME B850M-K, Prime B850-Plus WiFi; **Gigabyte** B850M DS3H [170W PPT] B850M Gaming X Wi-Fi 6e, B850 Gaming WiFi6 [150W PPT] B850 Eagle Wi-Fi 6e, B850M Eagle WiFi6e [170W PPT] B850 Gaming X Wi-Fi 6e, B850M Aorus Elite Wi-Fi 6e Ice; **MSI** Pro B850M-P WIFI [140W PPT] Pro B850M-A WiFi, B850 Gaming Plus WiFi. They took from the processors **AMD Ryzen 9 9950X** Field

You can familiarize yourself with the measurements on the images below.



The hardware is unpacked

B850: The best and worst, inexpensive AM5 matters for powerful  
Ryzen are announced

AMD Ryzen 9 9950X

ATX Case [21c Room Temp] 1 Hour Cinebench 2024

PCB Backside



The hardware is unpacked

AMD Ryzen 9 9950X

ATX Case [21c Room Temp] 1 Hour Cinebench 2024

PCB Backside



The hardware is unpacked

B850: The best and worst, inexpensive AM5 matters for powerful  
Ryzen are announced

## AMD Ryzen 9 9950X

ATX Case [21c Room Temp] 1 Hour Cinebench 2024

PCB Backside



The hardware is unpacked

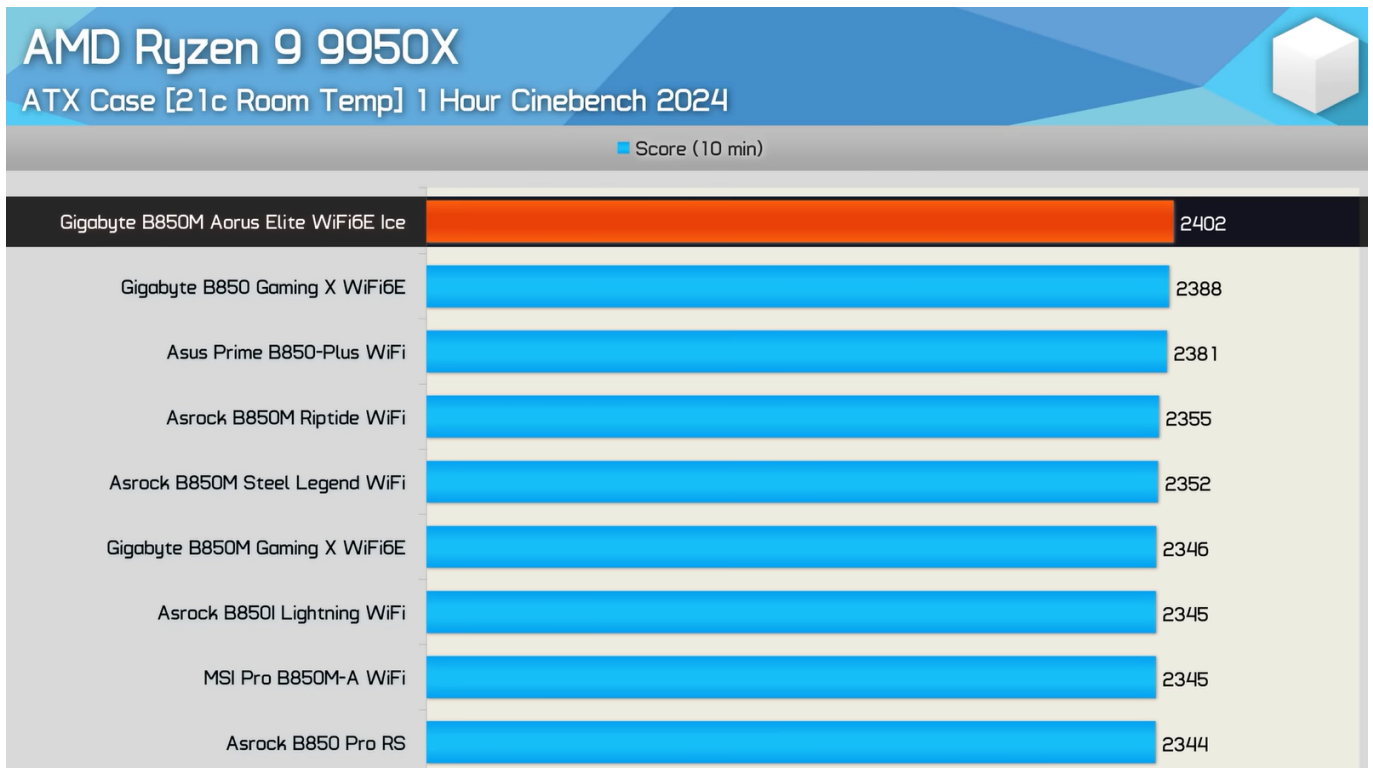
## AMD Ryzen 9 9950X

ATX Case [21c Room Temp] 1 Hour Cinebench 2024

Score (10 min)



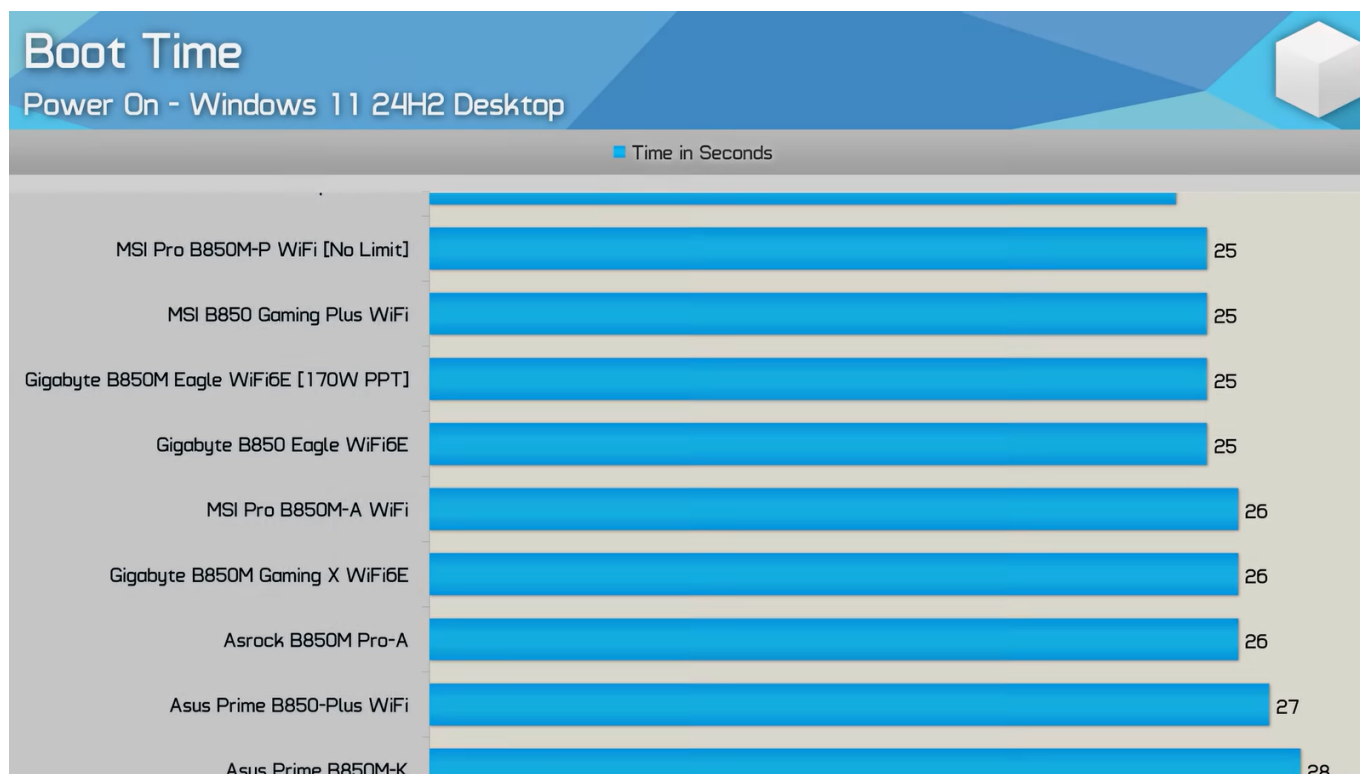
The hardware is unpacked



The hardware is unpacked



The hardware is unpacked



The hardware is unpacked

## Conclusion

Among the tested options there are several really good mattresses. For example, **MSI Pro B850M Wi-Fi**. She can compete with **Gigabyte B850M Aorus Elite WiFi6e IC**. All three named models are excellent both in characteristics and in price. But if you collect a completely white computer, then Gigabyte will be an obvious choice.

As for the better ratio of price and quality, the ASROCK PRO-A series is in the first place. In particular, the model **V850 Pro-A**. If you need an inexpensive matpace with Wi-Fi, then consider **Gigabyte B850M Gaming X Wi -fi6e**. But if you pay only \$ 10, you can buy **ASROCK B850M Riptide Wi -fi** which will give an update to Wi-Fi 7.

If you need an ATX model – take **ASROCK B850 Pro-A**. Ready to spend more? Pay attention to **ASROCK B850M Pro RS** and **Gigabyte B850 Gaming X WiFi6e**Field