



Cyberpower Ultra R77 RTX Gaming PC

This visually striking PC packs a powerful punch thanks to a Ryzen 7 7800X3D and RTX 4080 Super combo

SCORE ★★★★★

PRICE **£1,895 (£2,275 inc VAT)** from tinyurl.com/356cyber

My words won't do justice to Cyberpower's choice of chassis, the dramatic NZXT H6 Flow. It's almost like two chassis: one made of tempered glass that reveals all the RGB-lit components within, the other adding around 100mm to its width where the power supply and ugly cables hide away. And then it's as if NZXT took an angle grinder to it, shaving off a corner for a trio of 120mm RGB fans to suck in air and cool the powerful components within. It's both clever and stylish.

Three more 120mm RGB fans sit at the top of the case, with a single fan at the rear to add more glow. On first launch, the fans run at full speed and you'll hear a mighty roar; your first task should be to load MSI Center and switch to more intelligent fan profiles. The result is an audible but not unpleasant hum, which only rises when you push this PC to its max.

Then again, when you have this much power at your fingertips you'll want to. Your £2,299 buys AMD's gaming-focused Ryzen 7 7800X3D processor plus one of Nvidia's latest cards, the RTX 4080 Super. This dominates the case despite its lack of RGB lighting, a hulk of metal that weighs 1.5kg on its own.

The RTX 4080 Super is only a minor step up from the RTX 4080. Think a handful more cores and a slightly higher boost clock. However, what matters is that Nvidia's new card offers an excellent route for 4K gaming at a competitive price, and the 7800X3D is a brilliant companion. Together, they pushed this PC to 143fps in *Dirt 5*, 135fps in *Shadow of the Tomb Raider*, 103fps in



sequential read and write speeds of 7,368 and 6,908MB/sec in CrystalDiskMark 8. But 2TB may not be enough, and while the MSI MAG B650 Tomahawk motherboard includes two further M.2 storage slots, they both sit below the graphics card. Good luck fitting M.2 cards in the available space without removing the graphics card. It's far easier to add other storage: unscrew the right-hand side of the chassis and you'll find MSI's modular 850W power supply, a bunch of carefully tied cables and an empty bay for adding two 2.5in SATA

drives and a 3.5in hard disk. There are two more post-purchase upgrades to consider. The first is to add to the two 16GB DDR5 Kingston Fury Beast DIMMs, with two spare sockets available. The second is to fill the single PCI-E x1 slot. I struggle to think what to put in it, though, as the Tomahawk board covers all important bases, including Wi-Fi 6E and a fine selection of ports at the rear, including 2.5GbE, a USB-C 3.2 Gen 2x2 port, three USB-A 3.2 Gen 2 ports, four

more USB-A 3.2 Gen 1 ports, and a generous selection of audio connectors. Two USB-A 3.2 Gen 1 ports also sit on the front of the case, along with one USB-C 3.2 Gen 2 port and a headphone jack. At £2,275, nobody is going to call the Cyberpower Ultra R77 cheap, but that's reflected in the quality of the components"

AMD's Ryzen 7 7800X3D doesn't include NPU's - no high-end desktop chips do yet - but it does have brute force in its favour. In single-threaded tasks, one core can boost up to 5GHz from the processor's 4.2GHz base, and that's reflected in strong single-core results of 2,705 in Geekbench 6.2 and 1,756 in Cinebench R23. Its multicore results of 15,147 and 17,827 in those benchmarks emphasise that this computer can handle multithreaded tasks with ease too, but if that's going to be your main usage then upgrade to the 16-core/32-thread Ryzen 9 7950X3D if you can; Cyberpower charges £192 for the privilege.

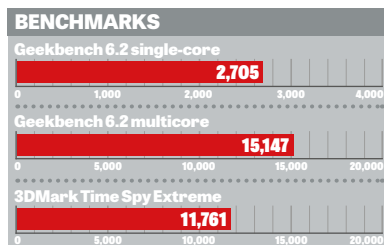
You should also consider adding more M.2 SSDs at the time of purchase. The price includes the excellent 2TB Kingston Fury Renegade, which returned blistering

ABOVE The Ultra R77 is a festival of colour with all its fans alight



“At £2,299, nobody is going to call the Cyberpower Ultra R77 cheap, but that's reflected in the quality of the components”

BELOW The NZXT H6 Flow chassis looks striking from every possible angle



At £2,275, nobody is going to call the Cyberpower Ultra R77 cheap, but that's reflected in the quality of the components, from the power supply to the chassis to the graphics card, which is itself worth almost half the cost of the whole PC. Add in the fact that the first two years of its five-year warranty cover parts, labour and courier costs, and this is a great deal.

TIM DANTON

SPECIFICATIONS

8-core/16-thread AMD Ryzen 77800X3D processor • MSI MAG B650 Tomahawk WiFi motherboard • 32GB DDR5-6000 Kingston Fury Beast RGB RAM • 16GB MSI GeForce RTX 4080 Super 16G Ventus 3X OC graphics • CyberpowerPC Master Liquid Lite 360 ARGB AIO liquid cooler • 2TB Kingston Fury Renegade PCI-E Gen 4 SSD • NZXT H6 Flow RGB Black chassis • 850W MSI MAG A850GL PSU • Windows 11 Home • 287 x 415 x 435mm (WDH) • 2yr parts and labour C&R warranty (5yr labour-only RTB) • power, 99W idle, 460W peak