CYBERPOWER INFINITY X139 PRO / **£3,699** inc VAT

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N vidia's new GeForce RTX 4080 is locked and loaded inside both of this month's review PCs, and the CyberPower Infinity X139 Pro is the priciest of the two. In the CyberPower's case, its MSI Ventus 3X OC slightly overclocks the GPU's boost clock from 2505MHz to 2530MHz. The underlying RTX 4080 GPU is also based on Nvidia's new Ada Lovelace architecture, and is equipped with 9,728 CUDA codes and 16GB of GDDR6X memory.

It's an amazing piece of gaming silicon, and CyberPower has elevated the rest of the internals to match. Intel's Raptor Lake range-topping Core i9-13900K has eight Hyper-Threaded P-Cores with a top all-core boost speed of 5.5GHz. You also get 32GB of DDR5 memory clocked to 5600MHz and two PCI-E 4 SSDs. The 1TB Solidigm P44 Pro is the smaller and faster boot drive, while a Solidigm P41 Plus adds 2TB of secondary space.

MSI also supplies the PSU and motherboard, and they're both great choices. The MSI MPG A1000G is a fully modular 1,000W PSU with 80 Plus Gold certification, and the MSI MAG Z790 Tomahawk Wi-Fi consistently impresses. Its main 16x PCI-E slot supports PCI-E 5, it has four heatsink-covered PCI-E 4 M.2 connectors, and connection options include 2.5Gbps Ethernet, dual-band 802.11ax Wi-Fi 6E and Bluetooth 5.3.

Audio is good thanks to Realtek's ALC4080 codec, and the board has two CPU power connectors, a 16+1 power phase design and debug LEDs. The rear I/O panel is packed, and includes a super-fast USB 3.2 Gen 2x2 Type-C connection, a secondary Type-C port, eight full-sized USB sockets, and buttons to clear and flash the BIOS. The only notably missing features are on-board power and reset buttons, plus a POST code display.

Still, it's an impressive specification, and it's clear where this pricier PC excels alongside the cheaper Wired2Fire. That rig's motherboard uses DDR4 memory, it has one fewer M.2 connector, lesser-quality audio and fewer USB connectors. Beyond the board, Wired2Fire's system only has a single SSD and it relies on a Core i5 processor. The two rigs converge in the warranty department though – they both have five year labour deals with two years of the all-important parts coverage.

CyberPower's ambitious hardware slots inside a Corsair 5000D Airflow case. It's a robust, good-looking chassis, and the PSU shroud, cable covers and CyberPower's fastidious cable tidying keep the interior neat.

Meanwhile, the MSI RTX 4080 card takes up three slots, and a sizeable EK 360mm AIO liquid cooler cools the CPU, but the top of the motherboard isn't blocked and the interior is accessible. Around the back, there's room for three 2.5in drives and two 3.5in drives. There's also a fan board with two vacant headers, alongside an accessory tray.

Performance

There's not much the RTX 4080 won't handle when it comes to games. We played Cyberpunk 2077 with Medium ray tracing and Balanced DLSS, and the RTX

SPEC

CPU
3GHz Intel Core i9-13900K

Motherboard
MSI MAG Z790 Tomahawk Wi-Fi

Memory
32GB Kingston Fury Beast 5600MHz DDR5

Graphics
MSI GeForce RTX 4080 16GB

Storage
1TB Solidigm P44 Pro M.2 SSD, 2TB Solidigm P41 Plus M.2 SSD

Networking
2.5Gbps Ethernet, dual-band 802.11ax Wi-Fi 6E, Bluetooth 5.3

Case
Corsair 5000D Airflow

Cooling
CPU: EK Basic 360mm radiator with 3 x 120mm fans; GPU: 3 x 90mm fans; front: 3 x 120mm fans; rear: 1 x 120mm fan

Ports
Front: 1 x USB 3.2 Gen 1 Type-C, 2 x USB 3.2 Gen 1, 2 x audio; rear: 1 x USB 3.2 Gen 2x2 Type-C, 1 x USB 3.2 Gen 2 Type-C, 4 x USB 3.2 Gen 2, 4 x USB 3.2 Gen 1, 1 x optical S/PDIF, 5 x audio

Operating system
Windows 11 Home 64-bit

Warranty
Five years labour with two years parts. First two years collect and return, then return to base

CUSTOM PC
PREMIUM GRADE

LOVELACE

+ Excellent gaming pace
+ Awesome CPU power
+ Great motherboard and two SSDs
+ Consistently quiet, no matter the workload

LOVE ACTUALLY

− Pricier than rivals
− Can't hit peak all-core CPU boost clock

4080 delivered a 99th percentile minimum of 50fps. In Assassin's Creed Valhalla at 4K, the CyberPower didn't drop below 66fps and it averaged 94fps.

The RTX 4080 will handle virtually any ray-traced game at 4K until you start using the most demanding settings, and DLSS 3 has shown it has the potential to dramatically improve frame rates further here with its AI-based frame generation tech – it just needs more support in games.

CyberPower's PC didn't overhaul the cheaper Wired2Fire in gaming tests though. The two rigs delivered virtually equal results in Doom Eternal and Assassin's Creed at 4K, and the Wired2Fire was faster in Metro Exodus. Instead, the CyberPower came into its own in application benchmarks.

The Core i9-13900K scored 1,440,000 in our heavily multi-threaded video encoding benchmark – a 43 per cent improvement on the Wired2Fire's Core i5 chip and faster than AMD's contenders. CyberPower's PC beat the Wired2Fire in the multi-tasking test too, and the Core i9-13900K's overall result of 503,415 maintained the CyberPower's lead over Wired2Fire.

There's not much between this high-end chip and the Core i5-13600K in single-threaded workloads, and AMD's Ryzen 9 7950X beats both – but the Core i9-13900K still offers near-unbeatable content-creation pace. It's ably supported by the SSDs – the main drive's read and write speeds of 7,100MB/sec and 6,355MB/sec are superb, and the secondary drive offered solid pace of 4,085MB/sec and 3,382MB/sec.

The CyberPower is also an impressive thermal performer when gaming. It's consistently quiet, and there's barely any difference between the rig's gaming noise level and its idle output. It's less impressive during multi-core CPU tests, where the processor hit a delta T of 77°C and throttled to 5.3GHz, but that doesn't ruin productivity and noise levels remained modest – it's not much below the stated peak all-core boost of 5.4GHz, and this is a notoriously difficult CPU to keep cool.
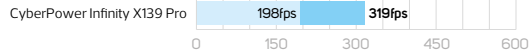
BENCHMARK RESULTS

DOOM ETERNAL
2,560 x 1,440, Vulkan, Ultra Nightmare settings
CyberPower Infinity X139 Pro — 363fps / 544fps

3,840 x 2,160, Vulkan, Ultra Nightmare settings
CyberPower Infinity X139 Pro — 198fps / 319fps

ASSASSIN'S CREED VALHALLA
2,560 x 1,440, Ultra High settings, High AA
CyberPower Infinity X139 Pro — 104fps / 150fps

3,840 x 2,160, Ultra High settings, High AA
CyberPower Infinity X139 Pro — 66fps / 94fps
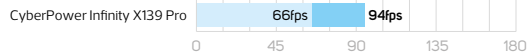
CYBERPUNK 2077
2,560 x 1,440, Ultra preset, no ray tracing
CyberPower Infinity X139 Pro — 99fps / 116fps

2,560 x 1,440, Medium ray tracing preset, DLSS Balanced
CyberPower Infinity X139 Pro — 91fps / 113fps

3,840 x 2,160, Ultra preset, no ray tracing
CyberPower Infinity X139 Pro — 52fps / 57fps
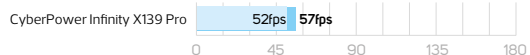
3,840 x 2,160, Medium ray tracing preset, DLSS Balanced
CyberPower Infinity X139 Pro — 50fps / 58fps
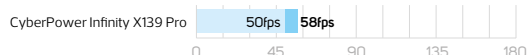
METRO EXODUS
2,560 x 1,440, Ultra, HairWorks off, Advanced PhysX off, High RT
CyberPower Infinity X139 Pro — 58fps / 119fps
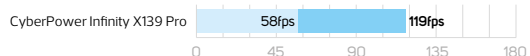
3,840 x 2,160, Ultra, HairWorks off, Advanced PhysX off, High RT
CyberPower Infinity X139 Pro — 50fps / 75fps
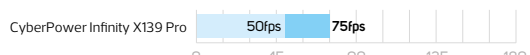
☐ 99th percentile ☐ Average

75,600
GIMP IMAGE EDITING

1,440,000
HANDBRAKE H.264 VIDEO ENCODING

430,154
HEAVY MULTI-TASKING

503,415
SYSTEM SCORE

Conclusion

CyberPower's system delivers a huge amount of graphics and processing power alongside a great motherboard and chassis. The Core i9 CPU and top-notch motherboard make this PC a superior content-creation and multi-tasking option than its rival, but we still recommend the Wired2Fire for gaming. The latter delivers comparable RTX 4080 gaming speed at a lower price, but if you want a PC that does it all then this CyberPower rig is a top choice.

MIKE JENNINGS

VERDICT
Great performance, a superb motherboard and slick design, although you can get similar gaming pace for less money elsewhere.

PERFORMANCE
24/25

DESIGN
23/25

HARDWARE
23/25

VALUE
19/25

OVERALL SCORE
89%