

AMD officially launches Radeon RX 7400: 28 cores, 8GB GDDR6, consumes only 55W

After introducing the popular GPU PRO W7400, AMD continues to launch the gaming version – Radeon RX 7400 – with almost identical configuration.

After introducing the popular GPU PRO W7400, AMD continues to launch the gaming version – Radeon RX 7400 – with almost identical configuration.

Main parameters

1. **Architecture** : RDNA 3
2. **Graphics Processing Units (Shaders)** : 1,792
3. **Ray Accelerators** : 28
4. **Memory** : 8GB GDDR6, clock speed 10.8Gbps
5. **Memory bandwidth** : 173GB/s
6. **TBP** : 55W



Image Zoom

GPU	
Compute Units	28
Ray Accelerators	28
AI Accelerators	56
Peak Single Precision (FP32 Vector) Performance	7.88 TFLOPs
Peak Half Precision (FP16 Vector) Performance	15.77 TFLOPs
Peak Half Precision (FP16 Matrix) Performance	15.77 TFLOPs
Peak 8-bit Precision (INT8 Matrix) Performance	15.8 TOPs
Peak 4-bit Precision (INT4 Matrix) Performance	31.5 TOPs
ROPs	64
Stream Processors	1792
Texture Units	112
Transistor Count	13.3 B
GPU Power	Up to 43W

The Radeon RX 7400 is considered the 'gaming version' of the PRO W7400, aimed at the mainstream segment. The hardware specifications are almost identical, only different in user orientation.

Like the PRO W7400, the RX 7400 uses 8GB of GDDR6 memory clocked at 10.8Gbps, with a bandwidth of 173GB/s – about 40% lower than the RX 7600 despite the same 8GB/128-bit configuration. This GPU still supports Ray Tracing with 28 Ray Accelerators, but gaming performance with RT enabled will be very limited, especially when the higher models in the RX 7000 series still have difficulties in this area.

Inside, the RX 7400 still uses the Navi 33 graphics core like the RX 7600 but the number of processing cores is reduced to 1,792. The compact design of only 167mm, occupies one PCIe slot, does not require additional power supply, suitable for pre-assembled PCs, especially in the low-cost segment.

AMD has not confirmed whether the RX 7400 will be available for retail in the DIY market, but it is likely that this is an OEM-specific GPU that will soon appear in commercial PC models - as Dell has previously deployed.

You finished reading the article "**AMD officially launches Radeon RX 7400: 28 cores, 8GB GDDR6, consumes only 55W**" edited by the [TipsMake](#) team. We hope this article has provided you with many useful tech tips and tricks. You can search for similar articles on tips and guides. Thank you for reading and for following us regularly.