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| Family | Ryzen |
| Generation | Ryzen 5 |
| Series | 6000 |
| Model | AMD Ryzen 5 6600HS |
| Platform | Laptop |
| Release Date | Q1 2021 |
| CPU Cores | 6 |
| Threads | 12 |
| Base Clock | 3.3GHz |
| Max. Boost Clock | Up to 4.5GHz |
| L1 Cache | 384KB |
| L2 Cache | 3MB |
| L3 Cache | 16MB |
| Unlocked for Overclocking | No |
| Processor Technology for CPU Cores | TSMC 6nm FinFET |
| CPU Socket | FP7 |
| PCI Express Version | PCIe® 4.0 |
| Default TDP | 35W |
| Configurable TDP | NA |
| Max. Operating Temperature (Tjmax) | 95°C |
| *OS Support | Windows 11 - 64-Bit Edition, Windows 10 - 64-Bit Edition, RHEL x86 64-Bit, Ubuntu x86 64-Bit *Operating System (OS) support will vary by manufacturer. |
| RAM Type | DDR5 |
| Supported RAM | DDR5 |
| Memory Channels | 2 |
| Graphics Core Count | 6 |
| Graphics Frequency | 1900 MHz |
| GPU Base | AMD Radeon 660M |
| Supported Technologies | AMD "Zen 3+" Core Architecture |
| BenchMarks | |
| Cinebench R23 Single Core | 9184 |
| Cinebench R23 Multi Core | 1489 |
| Geekbench5 Single Core | 7352 |
| Geekbench5 Multi Core | 19251 |
| CPU PassMark | |

If you Want to check Benchmarks

Ryzen Desktop Processors

Ryzen 3

[1000 Series](#)

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[3000 Series](#)

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Ryzen 5

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Ryzen7

[1000 Series](#)

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[7000 Series](#)

Ryzen 9

[3000 Series](#)

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AMD Server Processors

[EPYC 7001 Series](#)

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