

[AMD Ryzen 7 5800X @ 4590.69 MHz - CPU-Z VALIDATOR](#)

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AMD Ryzen 7 5800X @ 4590.69 MHz

Dump [3ecvdp] - Submitted by DESKTOP-6BVGSFL - 2022-12-03 18:28:09



Processor (CPU)	
CPU Name	AMD Ryzen 7 5800X 8-Core Processor
Threading	1 CPU - 8 Core - 16 Threads
Frequency	4590.69 MHz (46 * 99.8 MHz) - Uncore: 1330.6 MHz
Multiplier	Current: 46 / Min: 5.5 / Max: 48.5
Architecture	Vermeer / Stepping: VMR-B2 / Technology: 7 nm
CPUID / Ext.	F.1.2 / 19.21
IA Extensions	MMX(+), SSE, SSE2, SSE3, SSSE3, SSE4.1, SSE4.2, SSE4A, x86-64, AMD-V, AES, AVX, AVX2, FMA3, SHA
Caches	L1D : 32 KB / L2 : 512 KB / L3 : 32768 KB
Caches Assoc.	L1D : 8-way / L2 : 8-way / L3 : 16-way
Microcode	Rev. 0xA20120A
TDP / Vcore	105 Watts / 1.376 Volts
Temperature	67.8 °C / 154 °F
Type	Retail



Socket	Socket AM4 (1331)
North Bridge	AMD Ryzen SOC rev 00
South Bridge	AMD B550 rev 51
BIOS	American Megatrends International LLC. P2.40 (10/19/2022)

Memory (RAM)

Total Size	32768 MB
Type	Dual Channel (128 bit) DDR4-SDRAM
Frequency	1330.6 MHz (DDR4-2662) - Ratio 3:40
Timings	20-19-19-43-62-1 (tCAS-tRCD-tRP-tRAS-tRC-tCR)
Slot #1 Module	Crucial Technology 8192 MB (DDR4-2666) - XMP 2.0 - P/N: BL8G32C16U4BL.8FE
Slot #2 Module	Crucial Technology 8192 MB (DDR4-2666) - XMP 2.0 - P/N: BL8G32C16U4BL.M8FE
Slot #3 Module	Crucial Technology 8192 MB (DDR4-2666) - XMP 2.0 - P/N: BL8G32C16U4BL.8FE
Slot #4 Module	Crucial Technology 8192 MB (DDR4-2666) - XMP 2.0 - P/N: BL8G32C16U4BL.M8FE

Graphic Card (GPU)

GPU Type	AMD Radeon RX 6600 (Navi 23 XL) @ 2654 MHz
GPU Brand	Sapphire Technology Limited
GPU VRAM	8176 MB @ 1750 MHz

Storage (HDD/SSD)

Model #1 Name	Western Digital WDS100T1X0E-00AFY0 (FW: 613000WD)
Model #1 Capacity	931.5 GiB (~1000 GB)

Model #2 Name Samsung SSD 970 EVO Plus 1TB (FW: 4B2QEXM7)

Model #2 Capacity 931.5 GiB (~1000 GB)

Model #2 Type Fixed, SSD - Bus: NVMe (17)

Display

Screen #1 MSI MAG274R2 (MSI3CA7)

Screen #1 Spec 26.6 inches (67.6 cm) / 1920 x 1080 pixels @ 48-165 Hz

Miscellaneous

Windows Version Microsoft Windows 10 (10.0) Home 64-bit

CPU-Z Version 2.03.0 (64 bit)

CPU-Z SCREENSHOT

The screenshot shows the CPU-Z application window with the following details:

- Processor:** AMD Ryzen 7 5800X, Code Name: Vermeer, Max TDP: 105 W, Package: Socket AM4 (1331), Technology: 7 nm, Core Voltage: 1.376 V.
- Specification:** AMD Ryzen 7 5800X 8-Core Processor, Family: F, Model: 1, Stepping: 2, Ext. Family: 19, Ext. Model: 21, Revision: VMR-B2, Instructions: MMX(+), SSE, SSE2, SSE3, SSSE3, SSE4.1, SSE4.2, SSE4A, x86-64, AMD-V, AES, AVX, AVX2, FMA3, SHA.
- Clocks (Core #0):** Core Speed: 4590.69 MHz, Multiplier: x 46.0 (5.5 - 48.5), Bus Speed: 99.8 MHz, Rated FSB: (empty).
- Cache:** L1 Data: 8 x 32 KB, L1 Inst.: 8 x 32 KB, Level 2: 8 x 512 KB, Level 3: 32 MBytes.
- Selection:** Socket #1, Cores: 8, Threads: 16.
- Footer:** CPU-Z Ver. 2.03.0.x64, Tools, Validate, Close.



CPU-Z BENCHMARK

Click on the score to compare

Version [2017.1 \(x64\)](#)

Single-Thread [668](#)

Multi-Thread
(16T) [6711](#)

Your position (multi-thread only)

Intel Core
i5-12600KF 7040

YOU [6711](#)

AMD Ryzen
7 5800X 6537

Intel Core
i9-11900K 6463

Intel Core
i9-11900KF 6374

FORUM BANNER



[url=https://valid.x86.fr/3ecvdp][img]https://v:

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