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AMD Ryzen 9 3900X @ 3975.5 MHz

Dump [fif5ad] - Submitted by **AORUS-WINDOWS11** - 2022-01-09
21:52:36



Processor (CPU)

CPU Name	AMD Ryzen 9 3900X 12-Core Processor
Threading	1 CPU - 12 Core - 24 Threads
Frequency	3975.5 MHz (39.75 * 100.01 MHz) - Uncore: 1500.2 MHz
Multiplier	Current: 39.75

Architecture	Matisse / Stepping: MTS-B0 / Technology: 7 nm
CPUID / Ext.	F.1.0 / 17.71
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 : 16384 KB
Caches Assoc.	L1D : 8-way / L2 : 8-way / L3 : 16-way
Microcode	Rev. 0x8701021
TDP / Vcore	105 Watts / 1.32 Volts
Temperature	85.8 °C / 186 °F
Type	Retail
Cores Frequencies	#00: 3975.50 MHz #01: 3975.50 MHz #02: 4000.50 MHz #03: 3975.50 MHz #04: 3975.50 MHz #05: 3975.50 MHz #06: 4000.50 MHz #07: 4000.50 MHz #08: 4000.50 MHz #09: 4000.50 MHz #10: 3975.50 MHz #11: 4000.50 MHz

Motherboard

Model	Gigabyte X570 AORUS MASTER
Socket	Socket AM4 (1331)
North Bridge	AMD Ryzen SOC rev 00
South Bridge	AMD X570 rev 51
BIOS	American Megatrends International LLC. F35d (10/01/2021)

Memory (RAM)

Total Size	65536 MB
Type	Dual Channel (128 bit) DDR4-SDRAM
Frequency	1500.2 MHz (DDR4-3000) - Ratio 3:45
Timings	16-17-17-36-69-1 (tCAS-tRCD-tRP-tRAS-tRC-tCR)
Slot #1 Module	Kingston 16384 MB (DDR4-2400) - XMP 2.0 - P/N: KHX3000C15/16GX
Slot #2 Module	Kingston 16384 MB (DDR4-2400) - XMP 2.0 - P/N: KHX3000C15/16GX
Slot #3 Module	Kingston 16384 MB (DDR4-2400) - XMP 2.0 - P/N: KHX3000C15/16GX

Slot #4 Module

Kingston 16384 MB (DDR4-2400) -
XMP 2.0 - P/N: KHX3000C15/16GX

Graphic Card (GPU)

GPU Type

AMD Radeon RX 6600 (Navi 23)

GPU Brand

GIGABYTE Technology

GPU VRAM

8176 MB @ 36 MHz

Storage (HDD/SSD)

Model #1 Name

Seagate ST6000DM003-2CY186 (FW:
0001)

Model #1 Capacity

5589.0 GiB (~6010 GB)

Model #1 Type

Fixed - Bus: SATA (11)

Model #2 Name

SSDPR-PX500-01T-80 (FW: V2.1.3)

Model #2 Capacity

953.9 GiB (~1020 GB)

Model #2 Type

Fixed, SSD - Bus: NVMe (17)

Display

Screen #1

Samsung C27JG5x (SAM0F58)

Screen #1 Spec

27.2 inches (69.1 cm) / 2560 x 1440
pixels @ 50-144 Hz

Miscellaneous

Windows Version

Microsoft Windows 11 (10.0)
Professional 64-bit

CPU-Z Version

1.99.0 (64 bit)

CPU-Z SCREENSHOT



CPU-Z - ID : fif5ad



CPU

Mainboard

Memory


SPD

Graphics

Bench

About

Processor

Name	AMD Ryzen 9 3900X				
Code Name	Matisse	Max TDP	105 W		
Package	Socket AM4 (1331)				
Technology	7 nm	Core Voltage	1.32 V		
Specification	AMD Ryzen 9 3900X 12-Core Processor				
Family	F	Model	1	Stepping	0
Ext. Family	17	Ext. Model	71	Revision	MTS-B0
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	3975.5 MHz
Multiplier	x 39.75
Bus Speed	100.01 MHz
Rated FSB	

Cache

L1 Data	12 x 32 KB
L1 Inst.	12 x 32 KB
Level 2	12 x 512 KB
Level 3	4 x 16384 KBytes

Selection

Socket #1

Cores

12

Threads

24

CPU-Z

Ver. 1.99.0.x64

Tools



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