


HWiNFO64 v6.32-4270 @ ASUS TUF B450-PLUS GAMING - System Summary



AMD Ryzen 5 2600

Stepping: PiR-B2

Codename: Pinnacle Ridge

OPN: YD2600BBM61AF

Platform: AM4

Cache: 6x64 + 6x32 + 6x512 + 2x8M

12 nm

Cores/Threads: 6 / 12

µCU: 800820B

Prod. Unit:

CPU #0

TDP: 65 W

Features

MMX	3DNow!	3DNow!-2	SSE	SSE-2	SSE-3	SSSE-3
SSE4A	SSE4.1	SSE4.2	AVX	AVX2	AVX-512	
BM12	ABM	TBM	FMA	ADX	XOP	
DEP	AMD-V	SMX	SMEP	SMAP	TSX	MPX
EM64T	EIST	TM1	TM2	HTT	CPB	SST
AES-NI	RDRAND	RDSEED	SHA	SGX	SME	

Operating Point	Clock	Ratio	Bus	VID
CPU Minimum	550.0 MHz	x5.50	100.0 MHz	-
CPU Base	3400.0 MHz	x34.00	100.0 MHz	-
CPU Boost Max	3900.0 MHz	x39.00	100.0 MHz	-
CPU Status	3766.6 MHz	x37.75	99.8 MHz	1.2073 V

Motherboard: ASUS TUF B450-PLUS GAMING

Chipset: AMD B450 (Low-Power Promontory PROM26.A)

BIOS Date: 10/29/2018

BIOS Version: 0601

UEFI

Drives

✓ SATA 3 Gb/s	SAMSUNG HD502HJ [500 GB]
✓ SATA 6 Gb/s @ 6Gb/s	Samsung SSD 860 EVO 500GB [500 GB]
✓ SATA 6 Gb/s @ 6Gb/s	Samsung SSD 860 EVO M.2 500GB [500 GB]
ATAPI	ASUS DRW-24D5MT [DVD+R DL]

GPU

NVIDIA, Device ID: 2504 [MSI]

PCIe v4.0 x16 (16.0 GT/s) @ x16 (8.0 GT/s)

GPU #0

ROPs / TMUs: -

Shaders: -

Current Clocks (MHz)

GPU: -

Memory: -

Shader: -

Memory Modules

[#2] Crucial Technology CT8G4DFS824A.M8FH

Size: 8 GB

Clock: 1200 MHz

ECC: N

Type: DDR4-2400 / PC4-19200 DDR4 SDRAM UDIMM

Freq	CL	RCD	RP	RAS	RC	Ext.	V
1200	17	17	17	39	55	-	1.20
1067	15	15	15	35	49	-	1.20
933.3	13	13	13	30	43	-	1.20
800.0	11	11	11	26	37	-	1.20
666.7	10	10	10	22	31	-	1.20

Memory

Size: 24 GB

Type: DDR4 SDRAM

Clock: 1197.3 MHz = 12.00 x 99.8 MHz

Mode: Dual-Channel

CR: 2T

Timing: 17 - 17 - 17 - 39 tRC 56 tRFC 421

Operating System

Legacy Boot

Secure Boot

Microsoft Windows 10 Professional (x64) Build 19043.1415