

HWINFO64 v7.25-4780 @ ASUS Z170-K - System-Zusammenfassung

CPU



Stepping	Intel Core i7-6700	14 nm
Codename	R0	TDP 65 W
SSPEC	Skylake-S	MCU CC
Platform	SR2BT, SR2L2	Prod. Einheit
CPU #0	Socket H4 (LGA1151)	
Kerne	4 / 8	Cache L1 4x32 + 4x32 L2 4x256 L3 8M

Merkmale	3DNow! SSE SSE-2 SSE-3 SSE-3
MMX	3DNow! SSE SSE-2 SSE-3 SSE-3
SSE4A	SSE4.1 SSE4.2 AVX AVX2 AVX-512
BMI2	ABM TBM FMA ADX XOP AMX
DEP	VMX SMX SMEP SMAP TSX MPX
EM64T	EIST TM1 HTT Turbo SST
AES-NI	RDRAND RDSEED SHA TME

Betriebspunkt	Takt	Multip...	Bus	VID
LFM (Min)	800.0 MHz	x8.00	100.0 MHz	-
Basic-Takt (HEM)	3400.0 MHz	x34.00	100.0 MHz	-
Turbo Max	4000.0 MHz	x40.00	100.0 MHz	-
Durchsch. Aktiver Takt	3407.5 MHz	x34.00	100.2 MHz	1.0989 V
Durchsch. Effekt. Takt	1119.6 MHz	x11.17	-	-
Ring/LLC Max	4000.0 MHz	x40.00	100.0 MHz	-
Ring/LLC Takt	3407.5 MHz	x34.00	100.2 MHz	-
System Agent Takt	1002.2 MHz	x10.00	100.2 MHz	-

Hauptplatte

Chipset	ASUS Z170-K
BIOS Date	Intel Z170 (Sklake PCH+)
Version	05/16/2018
3805	UEFI


Speicher	32 GB	Type	DDR4 SDRAM
Größe	1069.0 MHz	=	10.67 x 100.2 MHz
Takt	Dual-Channel	CR	2T
Modus	Timing	15 - 15 - 15 - 36	TRC 51 TRFC 374

Speichermodule	#1 [BANK 1/DIMM_A2]: G.Skill F4-3200C16-16GVK					^
Größe	16 GB	Takt	1600 MHz	ECC	Nein	
Type	DDR4-3200 / PC4-25600 DDR4 SDRAM UDIMM					

Takt	CL	RCD	RP	RAS	RC	Ext.	V
1600	16	18	18	38	56	XMP	1.35
1067	15	15	15	36	50	-	1.20
933.3	13	13	13	31	44	-	1.20
800.0	11	11	11	27	38	-	1.20
666.7	10	10	10	22	32	-	1.20

GPU



			
Zotac GeForce GTX 1060 AMP/Mini			
NVIDIA GeForce GTX 1060 6GB			
GP 106-400			
PCIe v3.0 x16 (8.0 GT/s) @ x4 (8.0 GT/s)			
GPU #0	6 GB	GDDR5 SDRAM	192-bit
ROPs / TMUs	48 / 80	Shaders	Unified: 1280
Aktuelle Takt-Raten (MHz)			
GPU	1506.0	Speicher	2003.4
		Video	1366.5

Betriebssystem	UEFI Boot	Secure Boot	TPM	HVCI
Microsoft Windows 10 Professional (x64) Build 19044.1706 (21H2)				

Schnittstelle	Modell [Kapazität]
✔ SATA 6 Gb/s @ 6Gb/s	CT480BX500SSD1 [480 GB]
✔ SATA 6 Gb/s @ 6Gb/s	Samsung SSD 860 EVO 500GB [500 G