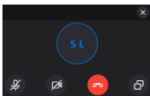
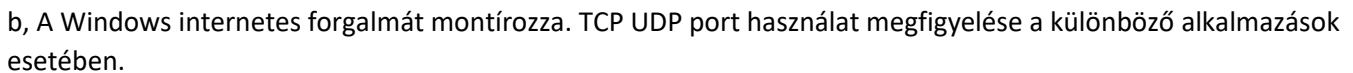
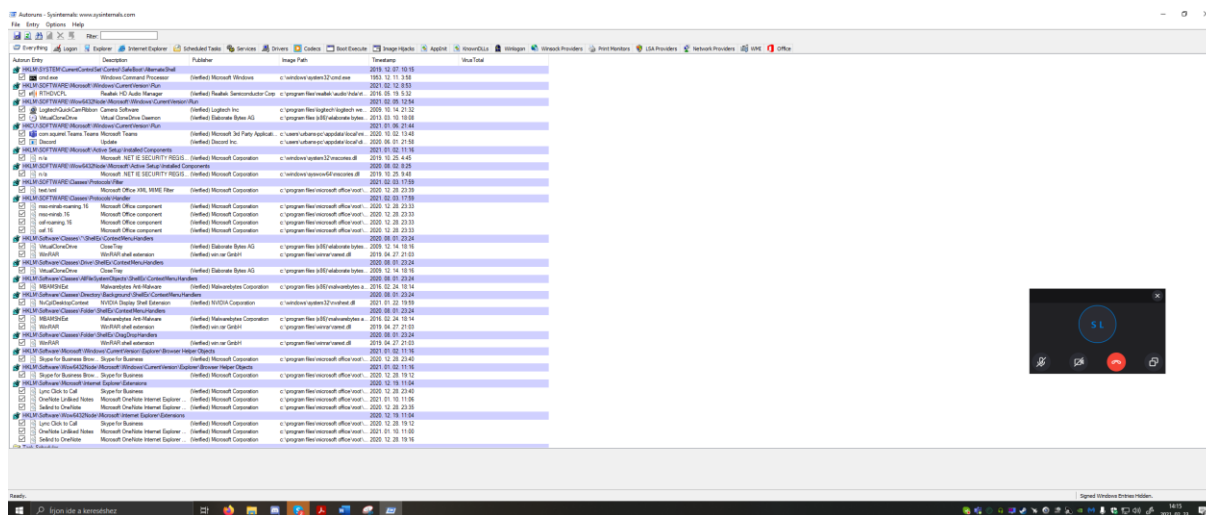


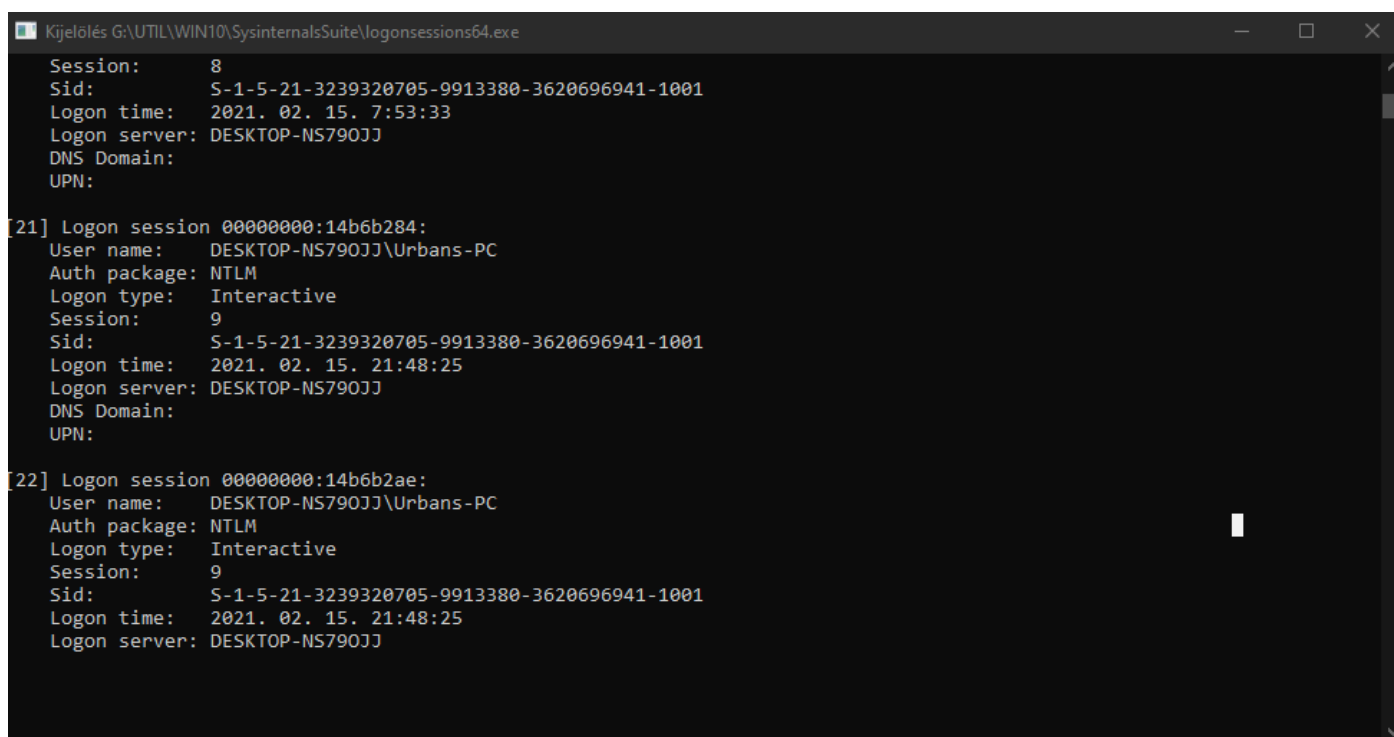
a, Felsorolja rendszerben jelenlévő köteteket, majd .vhd fájlokat készít a lemezekről.



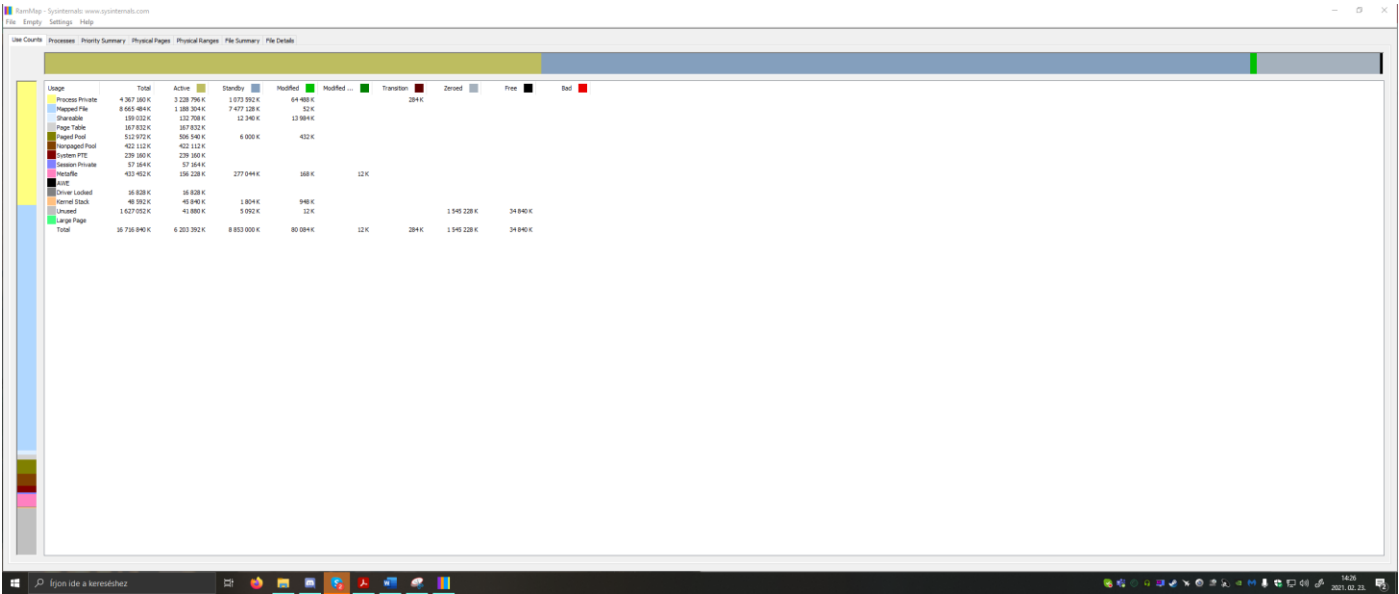
c, A rendszerrel automatikusan induló folyamatokat lehet kezelni benne, montírozni.



d, A felhasználók ki és be jelentkezésének megtekintése.



e, A memóriahasználat és a háttértárra történő írás monitorozása. A processzek memóriahasználata is megfigyelhető.



f, CPUSress – Végtelen (loopolt) processzekkel terheli a CPU-t, hozzáférhetünk 4 szálhoz.

CPU Stress (PID: 15448) - Sysinternals: www.sysinternals.com

File Process Thread Options Help

Process Affinity: 11111111  
Process Priority Class: Normal

#	ID	Active?	Activity	Priority	Ideal CPU	Affinity
1	5300	Yes	Low	Normal	7	11111111
2	18412		Low	Normal	0	11111111
3	412		Low	Normal	2	11111111
4	2832		Low	Normal	4	11111111

AIDA64- A számítógép szervizelés „svájci bicskája”. Processz kezelés, benchmarkolás minden területen (GPU,CPU,HDD,RAM,stb...), hőmérséglet megfigyelés, stb... Az előbb használt programok nagy része implementálva van benne.

AIDA64 Cache & Memory Benchmark

	Read	Write	Copy	Latency
Memory	30255 MB/s	32901 MB/s	29906 MB/s	59.1 ns
L1 Cache	1043.7 GB/s	523.31 GB/s	1041.1 GB/s	1.0 ns
L2 Cache	354.62 GB/s	166.55 GB/s	242.89 GB/s	3.2 ns
L3 Cache	205.13 GB/s	155.20 GB/s	174.16 GB/s	35.5 ns

CPU Type

QuadCore Intel Core i7-4790K (Devil's Canyon, LGA1150)

CPU Stepping

C0

CPU Clock

4197.4 MHz (original: 4000 MHz, overclock: 4%)

CPU FSB

99.9 MHz (original: 100 MHz)

CPU Multiplier

42x

North Bridge Clock

3997.6 MHz

Memory Bus

1066.0 MHz

DRAM:FSB Ratio

32:3

Memory Type

Dual Channel DDR3-2133 SDRAM (11-13-13-35 CR1)

Chipset

Intel Wildcat Point Z97, Intel Haswell

Motherboard

Asus Maximus VII Formula

BIOS Version

3503

AIDA64 v5.99.4900 / BenchDLL 4.3.793-x64 (c) 1995-2018 FinalWire Ltd.

Save


Start Benchmark

Close

## AIDA64 GPGPU Benchmark

☒ GPU: nVIDIA GeForce GTX 980 Ti (GM200)  
 1076 MHz, 2816 cores, 22 CUs, Driver 461.40

☒ CPU: Intel Core i7-4790K (Devil's Canyon)  
 4200 MHz, 4 cores, 8 threads



	GPU	x64 CPU
Memory Read	12044 MB/s	30234 MB/s
Memory Write	11913 MB/s	32451 MB/s
Memory Copy	245681 MB/s	29397 MB/s
Single-Precision FLOPS	7351 GFLOPS	529.4 GFLOPS
Double-Precision FLOPS	235.9 GFLOPS	263.4 GFLOPS
24-bit Integer IOPS	2444 GIOPS	132.9 GIOPS
32-bit Integer IOPS	2446 GIOPS	132.7 GIOPS
64-bit Integer IOPS	418.1 GIOPS	32.95 GIOPS
AES-256	20109 MB/s	18620 MB/s
SHA-1 Hash	51969 MB/s	4128 MB/s
Single-Precision Julia	1431 FPS	160.6 FPS
Double-Precision Mandel	74.93 FPS	85.73 FPS

AIDA64 v5.99.4900 (c) 1995-2018 FinalWire Ltd.

[Save](#)
[Results](#)
[Start Benchmark](#)
[Close](#)

### GPU-Z A GPU monitorozása

TechPowerUp GPU-Z 2.28.0

Graphics Card | Sensors | Advanced | Validation

Name: NVIDIA GeForce GTX 980 Ti [Lookup](#)  
 GPU: GM200 Revision: A1  
 Technology: 28 nm Die Size: 601 mm<sup>2</sup>  
 Release Date: Jun 1, 2015 Transistors: 8000M  
 BIOS Version: 84.00.32.00.01 [UEFI](#)  
 Subvendor: NVIDIA Device ID: 10DE 17C8 - 10DE 1151  
 ROPs/TMUs: 96 / 176 Bus Interface: PCIe x16 3.0 @ x16 3.0  
 Shaders: 2816 Unified DirectX Support: 12 (12\_1)  
 Pixel Fillrate: 120.1 GPixel/s Texture Fillrate: 220.2 GTexel/s  
 Memory Type: GDDR5 (Hynix) Bus Width: 384 bit  
 Memory Size: 6144 MB Bandwidth: 336.6 GB/s  
 Driver Version: 27.21.14.6140 (NVIDIA 461.40) / Win10 64  
 Driver Date: Jan 22, 2021 Digital Signature: WHQL  
 GPU Clock: 1175 MHz Memory: 1753 MHz Boost: 1251 MHz  
 Default Clock: 1000 MHz Memory: 1753 MHz Boost: 1076 MHz  
 NVIDIA SLI: Disabled  
 Computing: ☒ OpenCL ☒ CUDA ☒ DirectCompute ☐ DirectML  
 Technologies: ☒ Vulkan ☐ Ray Tracing ☒ PhysX ☒ OpenGL 4.6

NVIDIA GeForce GTX 980 Ti [Close](#)

## CPU-Z A CPU monitorozása

CPU-Z

CPU

Caches

Mainboard

Memory

SPD

Graphics

Bench

About

Processor

Name

Intel Core i7 4790K

Code Name

Haswell

Max TDP

88.0 W

Package

Socket 1150 LGA

Technology

22 nm

Core Voltage

1.155 V

Specification

Intel® Core™ i7-4790K CPU @ 4.00GHz

Family

6

Model

C

Stepping

3

Ext. Family

6

Ext. Model

3C

Revision

C0

Instructions

MMX, SSE, SSE2, SSE3, SSSE3, SSE4.1, SSE4.2, EM64T, VT-x, AES, AVX, AVX2, FMA3

Clocks (Core #0)

Core Speed

4196.01 MHz

Multiplier

x 42.0 (8 - 44)

Bus Speed

99.91 MHz

Rated FSB

Cache

L1 Data

4 x 32 KBytes

8-way

L1 Inst.

4 x 32 KBytes

8-way

Level 2

4 x 256 KBytes

8-way

Level 3

8 MBytes

16-way

Selection

Socket #1

Cores

4

Threads

8

CPU-Z

Ver. 1.92.0.x64

Tools

Validate

Close