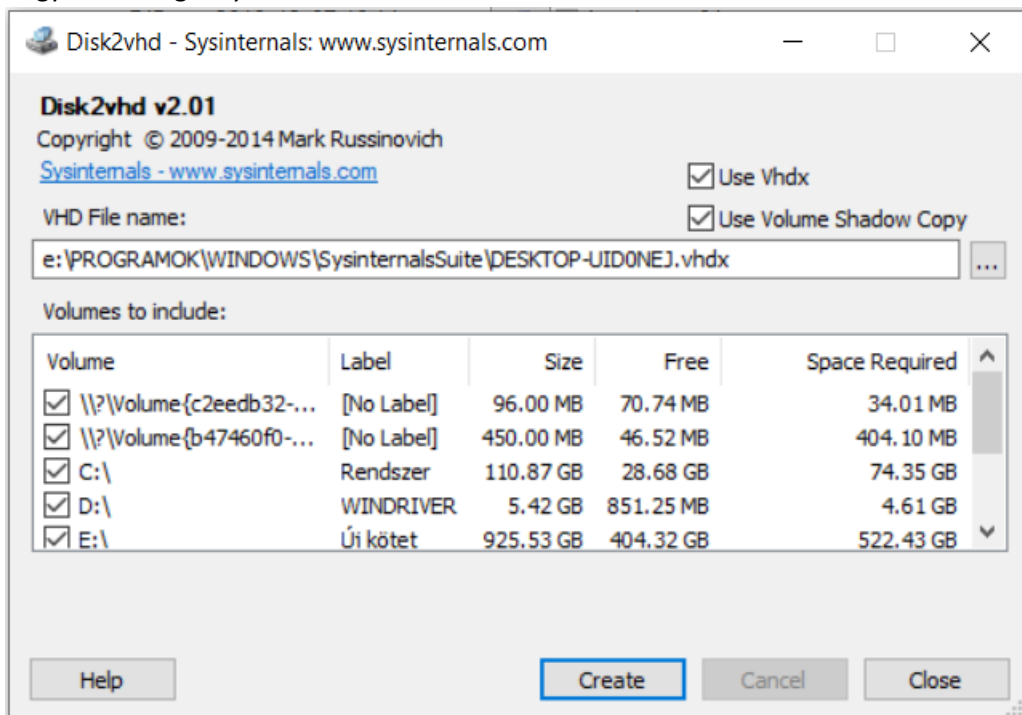


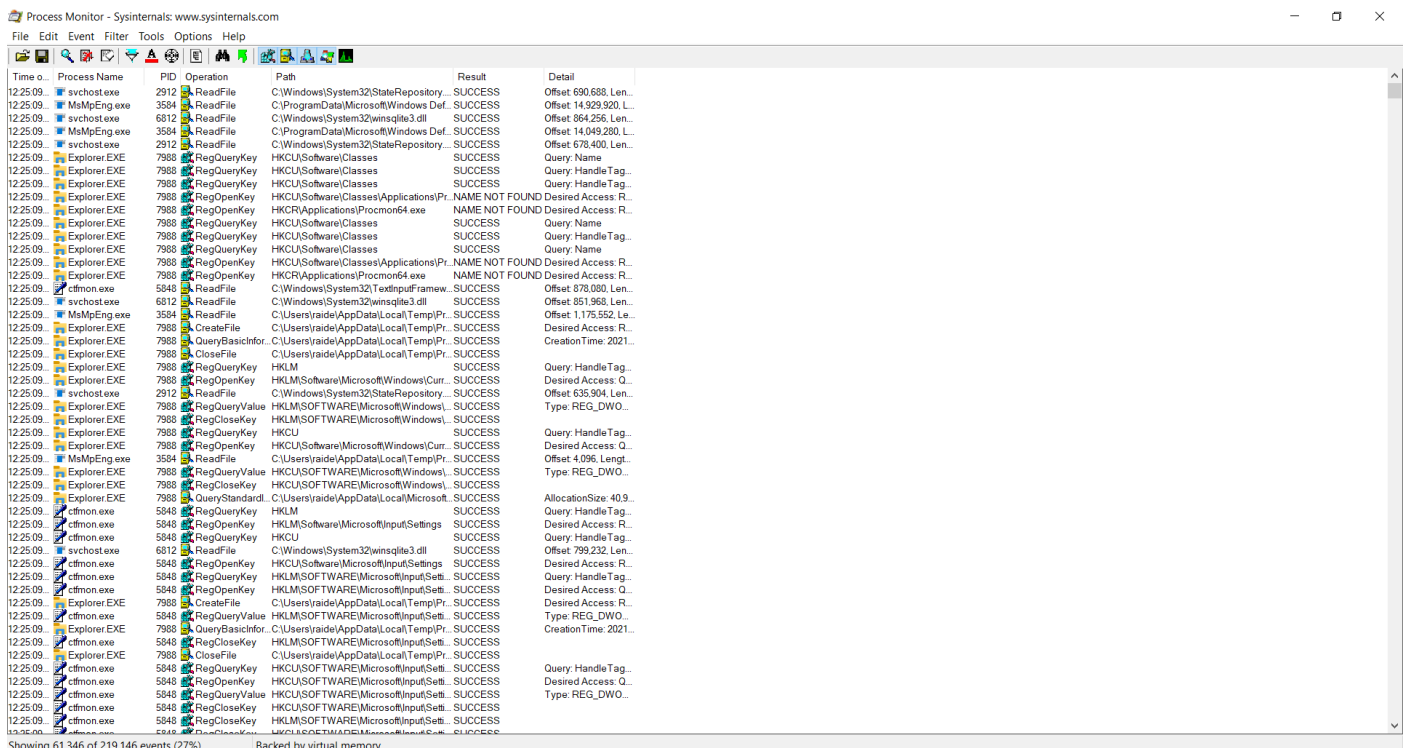
1)

a)

- i) Disk2vhd – Virtual Hard Drive -ot hoz létre, lemásolja az eredetit, a futásának eredménye az, hogy nincs elég hely a merevlemezen.




- ii) Process Monitor – Processzeket megmutatja










i) TCPView – A gépen futó processzek helyi és hálózati címeit, protokolljait és státuszát mutatja.

ii) Aktív távoli mappákat mutatja meg.

 Insight for Active Directory

File Edit View Highlight Options Help



ID	Process	Request	Domain Co...	User	Input	Output	Result	Duration

Parameters	In/Out	Value

i) Autoruns – Processzeket mutatja, csoportosítva.

ii) ListDLLs – Jelenleg használatban lévő dll fájlokat mutatja.

```

C:\E:\PROGRAMAK\WINDOWS\SysinternalsSuite\Listdlls.exe
0x0000000062e40000 0x27e000 C:\WINDOWS\SysWow64\CoreUIComponents.dll
0x00000000630c0000 0x9b0000 C:\WINDOWS\SysWow64\CoreMessaging.dll
0x00000000626d0000 0xdb0000 C:\WINDOWS\SysWow64\wintypes.dll
0x0000000070580000 0x29000 C:\WINDOWS\SysWow64\ntmarta.dll
0x0000000052c40000 0x94000 C:\WINDOWS\SysWow64\TextShaping.dll
0x0000000077030000 0xe3000 C:\WINDOWS\SysWow64\ole32.dll
0x0000000071260000 0x609000 C:\WINDOWS\SysWow64\windows.storage.dll
0x0000000071230000 0x24000 C:\WINDOWS\SysWow64\Wldp.dll
0x00000000636c0000 0xc3000 C:\WINDOWS\SysWow64\PROPSYS.dll
0x0000000071000000 0x7e000 C:\WINDOWS\SysWow64\clbcatq.dll
0x0000000075dc0000 0x3b000 C:\WINDOWS\SysWow64\CFGMGR32.dll
0x0000000071210000 0x1d000 C:\WINDOWS\SysWow64\profapi.dll
0x0000000078e10000 0x1b000 C:\WINDOWS\SysWow64\edputil.dll
0x000000006c510000 0x1a9000 C:\WINDOWS\SysWow64\urlmon.dll
0x000000006bb00000 0x22b000 C:\WINDOWS\SysWow64\iertutil.dll
0x000000006c4c0000 0x28000 C:\WINDOWS\SysWow64\SspiCli.dll
0x000000007c0d0000 0x11000 C:\WINDOWS\SysWow64\lpcacli.dll
0x0000000074430000 0x19000 C:\WINDOWS\SysWow64\MPR.dll
0x000000006ba40000 0xf000 C:\WINDOWS\SysWow64\sfcc_os.dll
0x0000000075e00000 0x434000 C:\WINDOWS\SysWow64\SETUPAPI.dll
0x0000000076dc0000 0x19000 C:\WINDOWS\SysWow64\bcrypt.dll
-----
ADInsight64.EXE pid: 13572
Command line: "C:\Users\raide\AppData\Local\Temp\ADInsight64.EXE" "E:\PROGRAMAK\WINDOWS\SysinternalsSuite\ADInsight.exe"

Base      Size      Path
0x000000003a880000 0x389000 C:\Users\raide\AppData\Local\Temp\ADInsight64.EXE
0x00000000b5c10000 0x1f6000 C:\WINDOWS\SYSTEM32\ntdll.dll
0x00000000b4f00000 0xbd000 C:\WINDOWS\System32\KERNEL32.DLL
0x00000000b3870000 0x2c9000 C:\WINDOWS\System32\KERNELBASE.dll
0x00000000b0c00000 0x90000 C:\WINDOWS\SYSTEM32\apphelp.dll
0x00000000b0600000 0x6d000 C:\WINDOWS\System32\WS2_32.dll
0x00000000b0400000 0x12b000 C:\WINDOWS\System32\RPCRT4.dll
0x00000000b00c1000 0x29b000 C:\WINDOWS\WinSxS\xamd64_microsoft-windows.common-controls_6595b64144ccf1df_6.0.19041.746_none_ca02b4b61b8320a4\COMCTL32.dll
0x00000000b04b0000 0x1a0000 C:\WINDOWS\System32\USER32.dll
0x00000000b044c000 0x9e000 C:\WINDOWS\System32\msvcrt.dll
0x00000000b0364000 0x22000 C:\WINDOWS\System32\WinS32u.dll
0x00000000b03ee000 0x2a000 C:\WINDOWS\System32\GDI32.dll
0x00000000b03d0000 0xda000 C:\WINDOWS\System32\COMDLG32.dll
0x00000000b0371000 0x10b000 C:\WINDOWS\System32\gdi32full.dll
0x00000000b0adb000 0xa000 C:\WINDOWS\SYSTEM32\VERSION.dll
0x00000000b047d000 0x356000 C:\WINDOWS\System32\combase.dll
0x00000000b0390000 0x9000 C:\WINDOWS\System32\advapi32.dll
0x00000000b0354000 0x10000 C:\WINDOWS\System32\userbase.dll
0x00000000b0584000 0xae000 C:\WINDOWS\System32\shcore.dll
0x00000000b0477000 0x55000 C:\WINDOWS\System32\SHLWAPI.dll
0x00000000b04fc000 0x742000 C:\WINDOWS\System32\SHELL32.dll
0x00000000b046c000 0xac000 C:\WINDOWS\System32\ADVAPI32.dll
0x00000000b03e4000 0x9c000 C:\WINDOWS\System32\sechost.dll

```

iii)

d)

- i) Logonsessions – Megmutatja, hány felhasználó van. Az információt egy fórumon találtam, nekem nem ismeri fel a windows.

```
Command Prompt
Microsoft Windows [Version 10.0.19041.804]
(c) 2020 Microsoft Corporation. All rights reserved.

C:\Users\raide>logonsession
'logonsession' is not recognized as an internal or external command,
operable program or batch file.

C:\Users\raide>logonsessions
'logonsessions' is not recognized as an internal or external command,
operable program or batch file.

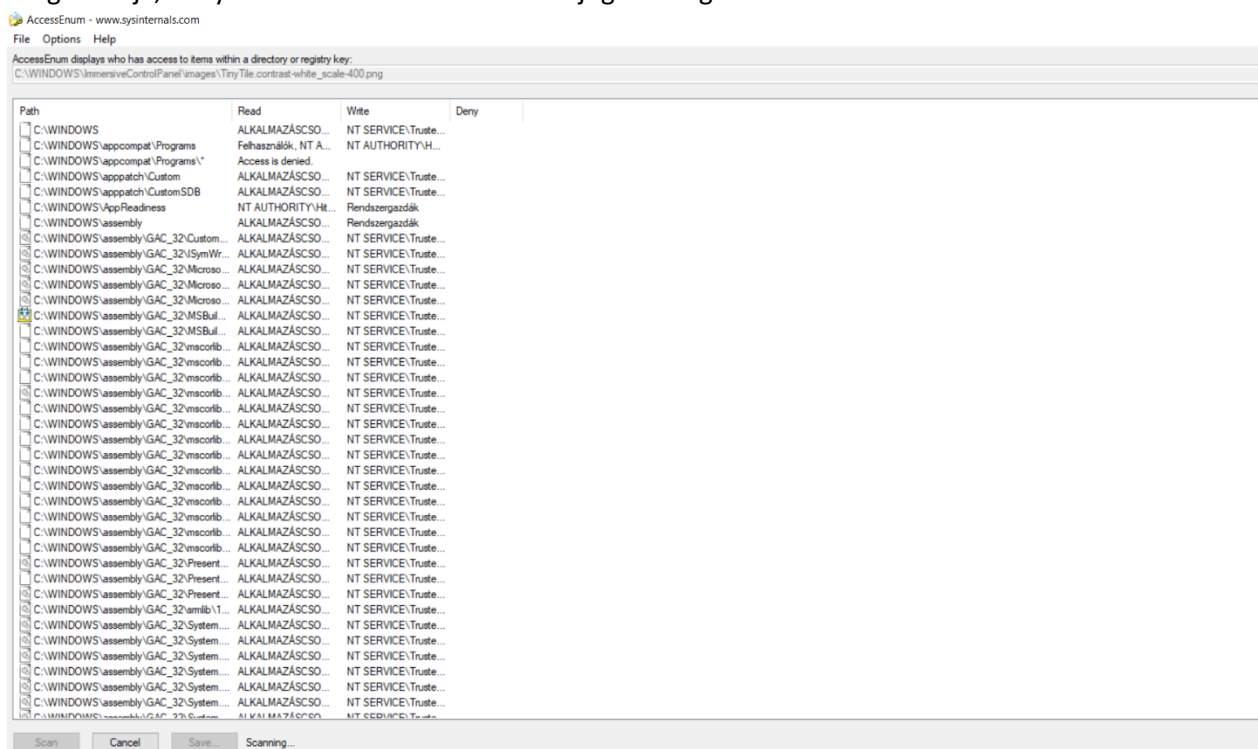
C:\Users\raide>logonsessions64
'logonsessions64' is not recognized as an internal or external command,
operable program or batch file.

C:\Users\raide>logonsessions
'logonsessions' is not recognized as an internal or external command,
operable program or batch file.

C:\Users\raide>logonsessions
'logonsessions' is not recognized as an internal or external command,
operable program or batch file.

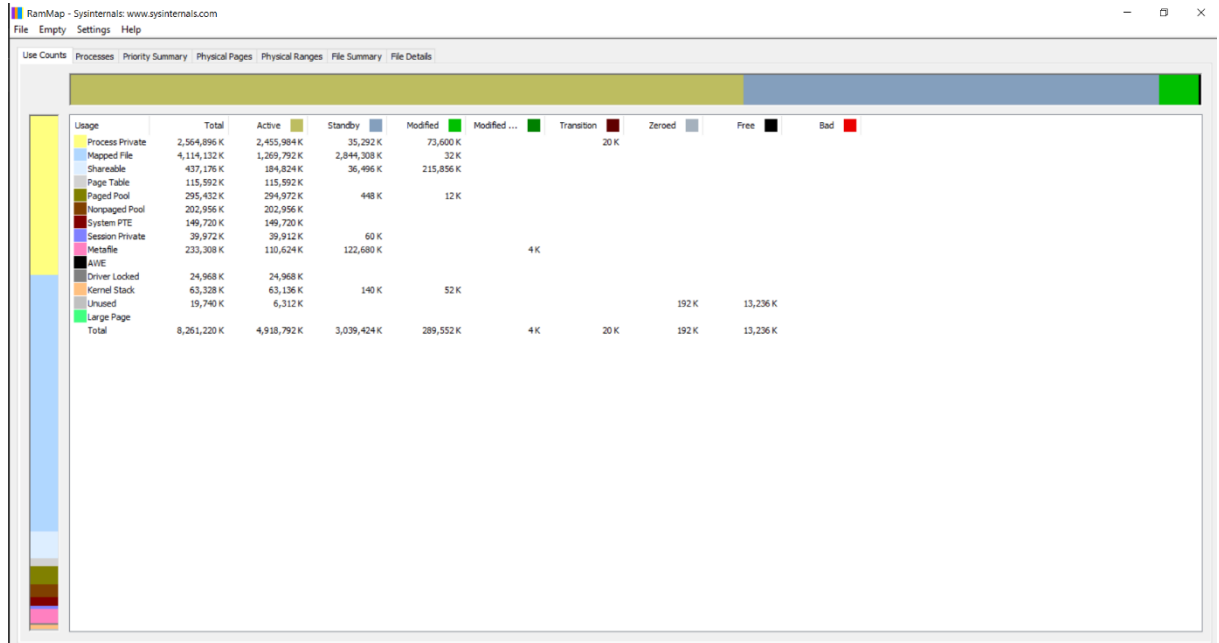
C:\Users\raide>
```

- ii) Megmutatja, melyik felhasználóknak van mihez jogosultsága.



e)

i) RAMMap – Nevéből adódóan a főmemória felosztását mutatja meg.



ii) LoadOrder – Rendszerindulás közbeni alkalmazások indítási rendjét mutatja.

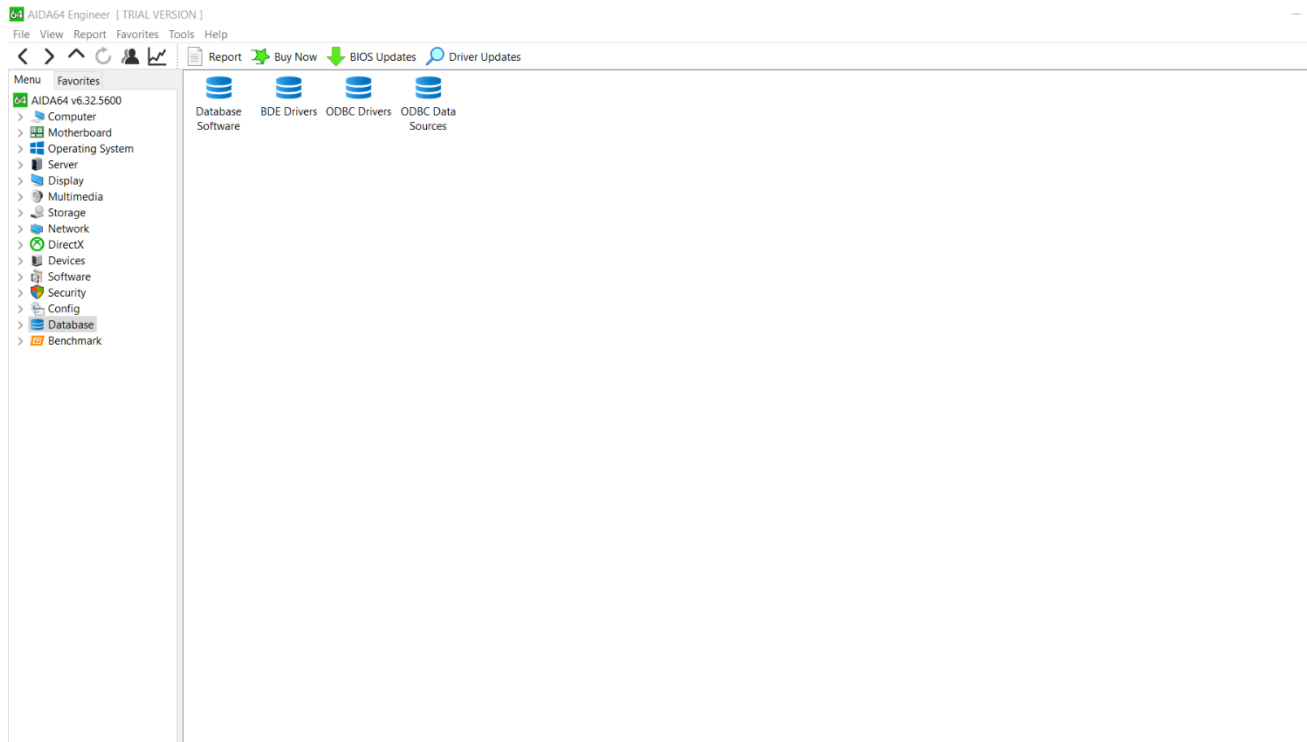
The screenshot shows the LoadOrder application window. The title bar reads 'LoadOrder'. The menu bar includes 'File', 'Empty', 'Settings', and 'Help'. The main window has a tabbed interface with 'Load order for drivers and services:' selected. The table below shows the boot sequence of drivers and services, including their start value, group name, tag, service/device, display name, and image path.

Start value	Group name	Tag	Service/Device	Display Name	Image path
Boot	System Reserved	n/a*	pcw	Performance C...	System32\driv...
Boot	WdLoadGroup	n/a*	WdR01000	%SystemRo...	system32\driv...
Boot	Boot Bus Exten...	7	acpiex	Microsoft ACP...	System32\Driv...
Boot	Boot Bus Exten...	2	msisadrv		System32\driv...
Boot	Boot Bus Exten...	3	isapnp		System32\driv...
Boot	Boot Bus Exten...	3	pci	@pci.inf,%pci...	System32\driv...
Boot	Boot Bus Exten...	4	vdnroot	@vdnroot.inf...	System32\driv...
Boot	Boot Bus Exten...	n/a*	partmgr	%SystemRo...	System32\driv...
Boot	Boot Bus Exten...	n/a*	pdv	%SystemRo...	system32\driv...
Boot	System Bus Ext...	3	ebdrv	@netebvda.inf...	System32\driv...
Boot	System Bus Ext...	1	pcmcia		System32\driv...
Boot	System Bus Ext...	8	pciide		System32\driv...
Boot	System Bus Ext...	8	spaceport	@spaceport.in...	System32\driv...
Boot	System Bus Ext...	9	intellide		System32\driv...
Boot	System Bus Ext...	9	volmgr	@volmgr.inf,%...	System32\driv...
Boot	System Bus Ext...	10	volmgrx	@%SystemRo...	System32\driv...
Boot	System Bus Ext...	11	vmbus	@vmbus.inf...	System32\driv...
Boot	System Bus Ext...	12	vpc	@vpc.inf,%v...	System32\driv...
Boot	System Bus Ext...	2	b06bdrv	@netbvda.inf...	System32\driv...
Boot	System Bus Ext...	n/a*	mountmgr	%SystemRo...	System32\driv...
Boot	System Bus Ext...	6*	nvraid		System32\driv...
Boot	SCSI Miniport	25	iaStorV	@iastorv.inf,%...	System32\driv...
Boot	SCSI Miniport	25	vsmraid		System32\driv...
Boot	SCSI miniport	1	3ware		System32\driv...
Boot	SCSI miniport	3	amdsata		System32\driv...
Boot	SCSI miniport	4	amdaxata		System32\driv...
Boot	SCSI miniport	5	amdbbs		System32\driv...
Boot	SCSI miniport	6	arcas	@arcas.inf,%a...	System32\driv...
Boot	SCSI Miniport	8	LSAS35i		System32\driv...
Boot	SCSI Miniport	9	LSI_SAS		System32\driv...
Boot	SCSI Miniport	10	LSI_SAS2i		System32\driv...
Boot	SCSI Miniport	11	LSI_SAS3i		System32\driv...
Boot	SCSI Miniport	12	LSI_SSS		System32\driv...
Boot	SCSI Miniport	13	megasas		System32\driv...
Boot	SCSI Miniport	14	megasas2i		System32\driv...
Boot	SCSI Miniport	15	megasas35i		System32\driv...
Boot	SCSI Miniport	16	megasr		System32\driv...
Boot	SCSI Miniport	17	mvumis		System32\driv...
Boot	SCSI Miniport	18	mvstor		System32\driv...
Boot	SCSI Miniport	19	percsas2i		System32\driv...
Boot	SCSI Miniport	20	percsas3i		System32\driv...
Boot	SCSI Miniport	21	SiSRaid2		System32\driv...
Boot	SCSI Miniport	22	SiSRaid4		System32\driv...
Boot	SCSI Miniport	26	VSTXRAID	@vstxraid.inf...	System32\driv...

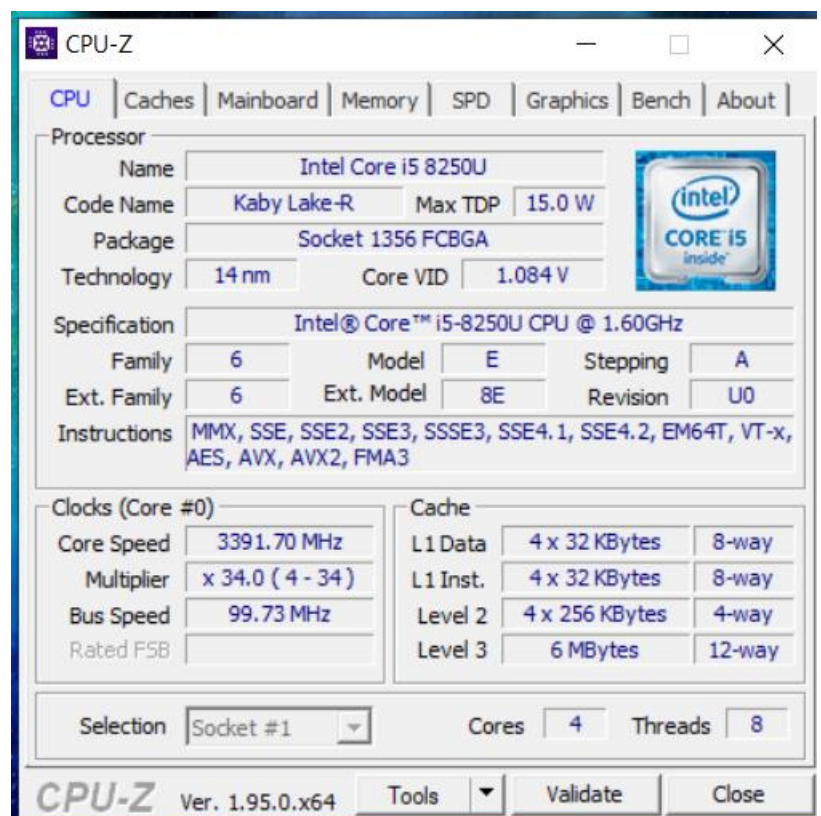
Copyright (c) 2000 Bryce Cogswell
Sysinternals - www.sysinternals.com
Ready

2)

- a) Aida64 – Megmutatja a rendszer hardverét, szoftverét, valamint benchmarkot is képes futtatni, ezen kívül hálózati meghajtókat és adatbázisokat is képes kezelni.



- b) CPU-Z – A processzort vagy processzorokat mutatja meg. Gyártási technológiától kezdve az órajelen keresztül a foglalatig.




c) GPU-Z – Ugyanaz, mint az előző, csak a GPU-val.

TechPowerUp GPU-Z 2.37.0


Graphics Card | Sensors | Advanced | Validation

Name: NVIDIA GeForce MX130 [Lookup](#)

GPU: GM108 Revision: A2 

Technology: 28 nm Die Size: Unknown

Release Date: Nov 17, 2017 Transistors: Unknown

BIOS Version: 82.08.72.00.3A  ☐ UEFI

Subvendor: Acer Device ID: 10DE 174D - 1025 119A

ROPs/TMUs: 16 / 24 Bus Interface: PCIe x4 3.0 @ x4 3.0 ?

Shaders: 384 Unified DirectX Support: 12 (11_0)

Pixel Fillrate: 19.0 GPixel/s Texture Fillrate: 28.5 GTexel/s

Memory Type: GDDR5 (Hynix) Bus Width: 64 bit

Memory Size: 2048 MB Bandwidth: 40.1 GB/s

Driver Version: 27.21.14.6140 (NVIDIA 461.40) / Win10 64

Driver Date: Jan 22, 2021 Digital Signature: WHQL

GPU Clock: 1109 MHz Memory: 1253 MHz Boost: 1189 MHz

Default Clock: 1109 MHz Memory: 1253 MHz Boost: 1189 MHz

NVIDIA SLI: Disabled

Computing ☒ OpenCL ☒ CUDA ☒ DirectCompute ☒ DirectML

Technologies ☒ Vulkan ☐ Ray Tracing ☒ PhysX ☒ OpenGL 4.6

NVIDIA GeForce MX130 [Close](#)