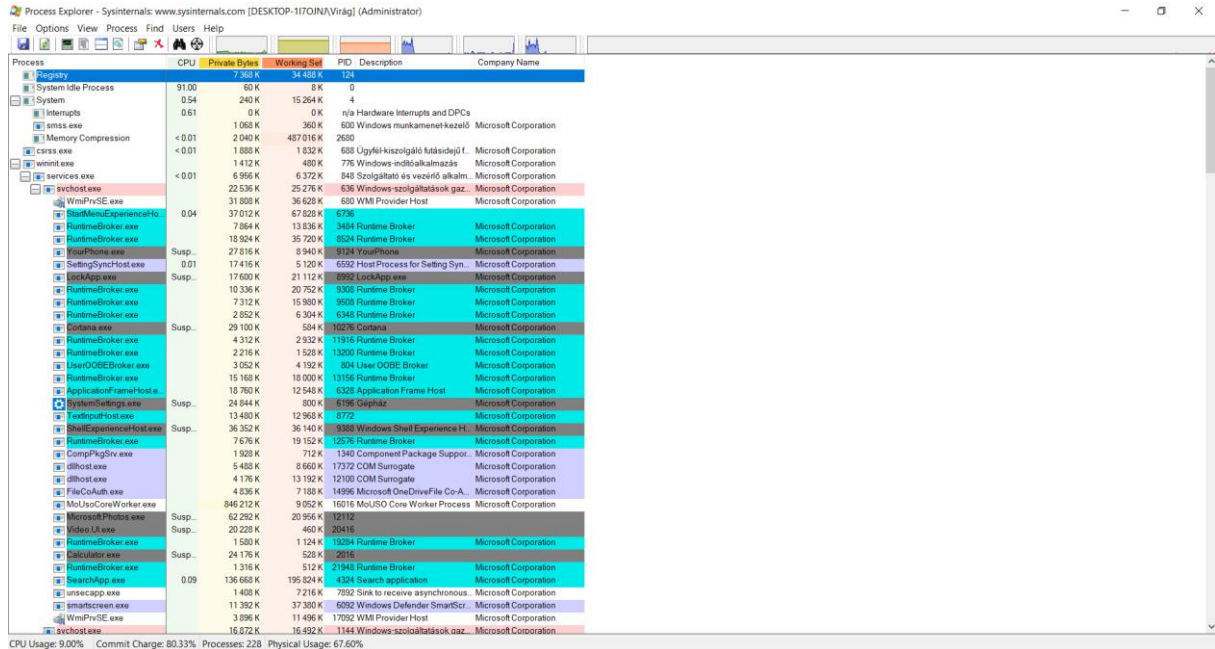


c) Process Utilities (Process Explorer, Process Monitor, AutoRuns)

Process Explorer

Megmutatja, hogy milyen folyamatok futnak a gépen ebben a pillanatban. Egy rövid leírás mellett megtalálható még a gyártó neve és a CPU kihasználtsága is.

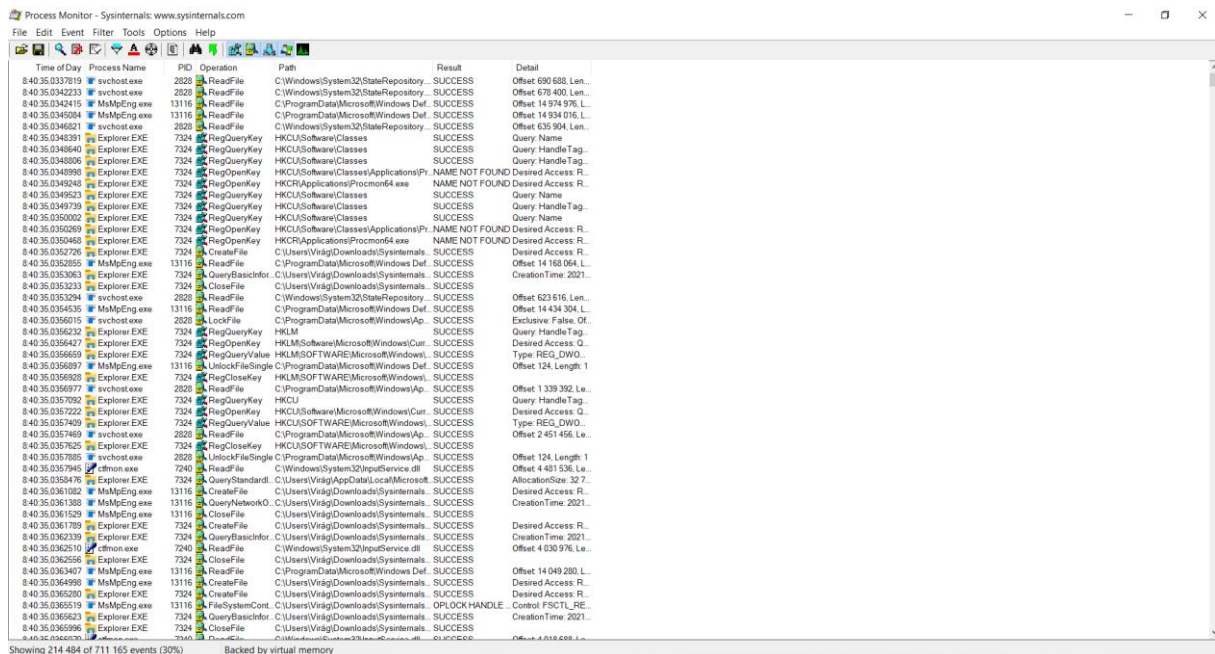


Process Explorer - Sysinternals: www.sysinternals.com [DESKTOP-1170INA\Virág] (Administrator)

Process	CPU	Private Bytes	Working Set	PID	Description	Company Name
System Idle Process	91.00	60 K	8 K	0		
System	0.54	240 K	15 264 K	4		
smss.exe	0.61	0 K	0 K	n/a	Hardware Interrupts and DPCs	
csrss.exe	< 0.01	1 068 K	360 K	600	Windows munkamenet-kezelő	Microsoft Corporation
csrss.exe	< 0.01	1 888 K	1 832 K	688	Ügyfél-kiszolgáló futásidő f.	Microsoft Corporation
csrss.exe	< 0.01	1 412 K	480 K	776	Windows indítóalkalmazás	Microsoft Corporation
services.exe	< 0.01	6 956 K	6 372 K	848	Szolgáltatás és vezérlő alkalm.	Microsoft Corporation
svchost.exe	25.276 K	25 276 K	9 940 K	636	Windows szolgáltatások gaz.	Microsoft Corporation
WsmProvSE.exe	31.800 K	31 800 K	36 628 K	680	WMI Provider Host	Microsoft Corporation
Smss.exe	0.04	37 012 K	67 828 K	6796		
RuntimeBroker.exe		7 864 K	13 836 K	3454	Runtime Broker	Microsoft Corporation
RuntimeBroker.exe		18 924 K	35 720 K	8524	Runtime Broker	Microsoft Corporation
RuntimeBroker.exe		27 016 K	39 494 K	3924	Runtime Broker	Microsoft Corporation
SettingSyncHost.exe	0.01	17 416 K	5 120 K	6582	Host Process for Setting Syn.	Microsoft Corporation
LockApp.exe	Susp.	17 600 K	21 112 K	8992	LockApp.exe	Microsoft Corporation
RuntimeBroker.exe		10 336 K	20 752 K	9308	Runtime Broker	Microsoft Corporation
RuntimeBroker.exe		7 312 K	15 808 K	9508	Runtime Broker	Microsoft Corporation
RuntimeBroker.exe		2 852 K	6 304 K	6340	Runtime Broker	Microsoft Corporation
Cortana.exe	Susp.	29 100 K	584 K	10276	Cortana	Microsoft Corporation
RuntimeBroker.exe		4 312 K	2 932 K	11916	Runtime Broker	Microsoft Corporation
RuntimeBroker.exe		2 216 K	1 528 K	13200	Runtime Broker	Microsoft Corporation
UserOOBEHost.exe		3 028 K	4 192 K	604	User OOBE Broker	Microsoft Corporation
RuntimeBroker.exe		15 168 K	18 000 K	13106	Runtime Broker	Microsoft Corporation
ApplicationFrameHost.exe		18 760 K	12 548 K	6328	Application Frame Host	Microsoft Corporation
SystemSettings.exe	Susp.	24 044 K	800 K	6196	Gépház	Microsoft Corporation
endpHost.exe		13 480 K	12 968 K	8772		Microsoft Corporation
RuntimeBroker.exe	Susp.	36 352 K	38 140 K	3680	Windows Shell Experience H.	Microsoft Corporation
RuntimeBroker.exe		7 676 K	19 152 K	12576	Runtime Broker	Microsoft Corporation
CompPackSvc.exe		1 928 K	712 K	1340	Component Package Suppor.	Microsoft Corporation
dlhost.exe		5 480 K	6 660 K	17372	COM Surrogate	Microsoft Corporation
dlhost.exe		4 176 K	13 192 K	12100	COM Surrogate	Microsoft Corporation
FileCofault.exe		4 036 K	7 188 K	14896	Microsoft OneDrive File Co-A.	Microsoft Corporation
MolUserCoreWorker.exe		846 212 K	9 052 K	16016	MolUser Core Worker Process	Microsoft Corporation
Microsoft Photos.exe	Susp.	62 292 K	20 956 K	12112		
Video.UI.exe	Susp.	20 228 K	460 K	20416		
RuntimeBroker.exe		1 580 K	1 124 K	18294	Runtime Broker	Microsoft Corporation
RuntimeBroker.exe	Susp.	24 176 K	528 K	30916		
RuntimeBroker.exe		1 316 K	512 K	21940	Runtime Broker	Microsoft Corporation
SearchApp.exe	0.09	136 668 K	195 824 K	4324	Search application	Microsoft Corporation
unsecapp.exe		1 408 K	7 216 K	7552	Sink to receive asynchronous	Microsoft Corporation
smss.exe		11 392 K	37 380 K	6882	Windows Defender SmartScr.	Microsoft Corporation
WsmProvSE.exe		3 896 K	11 496 K	17092	WMI Provider Host	Microsoft Corporation
svchost.exe		16 872 K	16 492 K	1144	Windows szolgáltatások sz.	Microsoft Corporation

CPU Usage: 9.00% Commit Charge: 80.33% Processes: 228 Physical Usage: 67.60%

Process Monitor

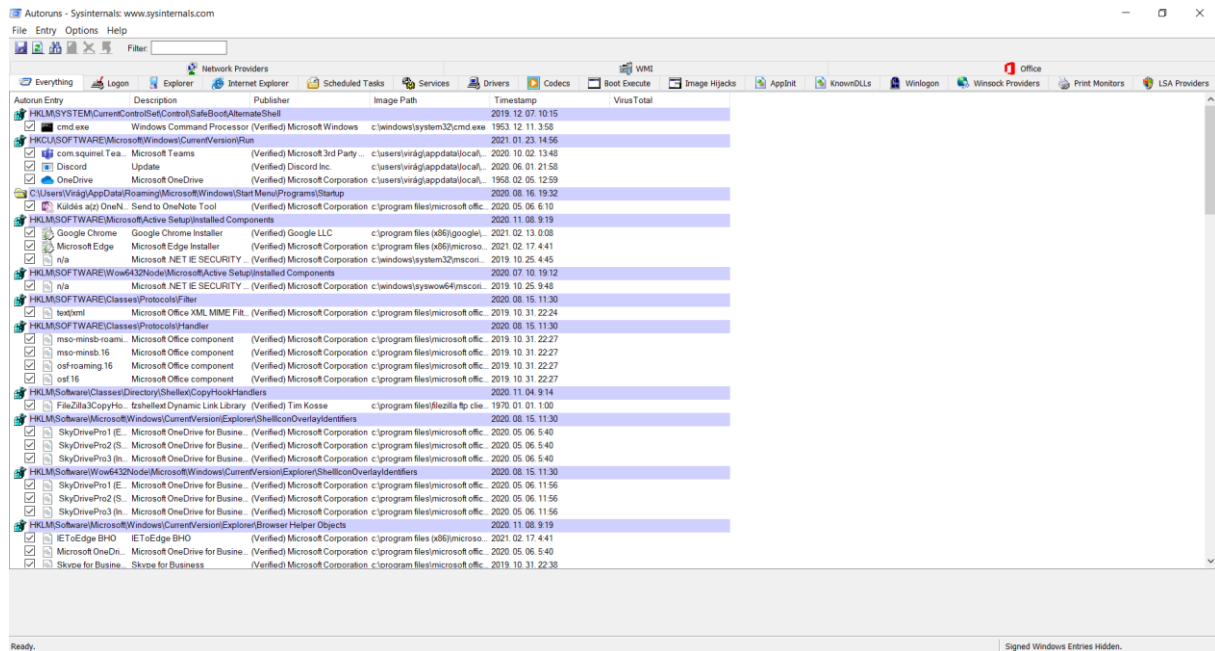


Process Monitor - Sysinternals: www.sysinternals.com

Time of Day	Process Name	PID	Operation	Path	Result	Detail
8:40:35.037819	svchost.exe	2828	ReadFile	C:\Windows\System32\StateRepository...	SUCCESS	Offset: 690 688 Len...
8:40:35.042233	svchost.exe	2828	ReadFile	C:\Windows\System32\StateRepository...	SUCCESS	Offset: 678 400 Len...
8:40:35.042415	MaMPEng.exe	13116	ReadFile	C:\ProgramData\Microsoft\Windows Def...	SUCCESS	Offset: 14 974 976 L...
8:40:35.045504	MaMPEng.exe	13116	ReadFile	C:\ProgramData\Microsoft\Windows Def...	SUCCESS	Offset: 14 934 016 L...
8:40:35.046821	svchost.exe	2828	ReadFile	C:\Windows\System32\StateRepository...	SUCCESS	Offset: 635 904 Len...
8:40:35.048391	Explorer.EXE	7324	RegOpenKey	HKCU\Software\Classes	SUCCESS	Query Name
8:40:35.048460	Explorer.EXE	7324	RegOpenKey	HKCU\Software\Classes	SUCCESS	Query Handle Tag...
8:40:35.048806	Explorer.EXE	7324	RegOpenKey	HKCU\Software\Classes	SUCCESS	Query Handle Tag...
8:40:35.048990	Explorer.EXE	7324	RegOpenKey	HKCU\Software\Classes\Applications\Pr...	NAME NOT FOUND	Desired Access: R...
8:40:35.049400	Explorer.EXE	7324	RegOpenKey	HKCR\Applications\Pocomon64.exe	NAME NOT FOUND	Desired Access: R...
8:40:35.049823	Explorer.EXE	7324	RegOpenKey	HKCU\Software\Classes	SUCCESS	Query Name
8:40:35.049739	Explorer.EXE	7324	RegOpenKey	HKCU\Software\Classes	SUCCESS	Query Handle Tag...
8:40:35.050002	Explorer.EXE	7324	RegOpenKey	HKCU\Software\Classes	SUCCESS	Query Name
8:40:35.050289	Explorer.EXE	7324	RegOpenKey	HKCU\Software\Classes\Applications\Pr...	NAME NOT FOUND	Desired Access: R...
8:40:35.050462	Explorer.EXE	7324	RegOpenKey	HKCR\Applications\Pocomon64.exe	NAME NOT FOUND	Desired Access: R...
8:40:35.052726	Explorer.EXE	7324	CreateFile	C:\Users\Virag\Downloads\Sysinternals...	SUCCESS	Desired Access: R...
8:40:35.052855	MaMPEng.exe	13116	ReadFile	C:\ProgramData\Microsoft\Windows Def...	SUCCESS	Offset: 14 168 064 L...
8:40:35.053363	Explorer.EXE	7324	QueryBasicInfo	C:\Users\Virag\Downloads\Sysinternals...	SUCCESS	Creation Time: 2021...
8:40:35.053333	Explorer.EXE	7324	CreateFile	C:\Users\Virag\Downloads\Sysinternals...	SUCCESS	
8:40:35.053294	svchost.exe	2828	ReadFile	C:\Windows\System32\StateRepository...	SUCCESS	Offset: 623 616 Len...
8:40:35.054535	MaMPEng.exe	13116	ReadFile	C:\ProgramData\Microsoft\Windows Def...	SUCCESS	Offset: 14 434 304 L...
8:40:35.056015	svchost.exe	2828	LockFile	C:\ProgramData\Microsoft\WindowsAp...	SUCCESS	Exclusive: False, Of...
8:40:35.056232	Explorer.EXE	7324	RegOpenKey	HKLM	SUCCESS	Query Handle Tag...
8:40:35.056609	Explorer.EXE	7324	RegOpenKey	HKLM\Software\Microsoft\Windows\Cur...	SUCCESS	Desired Access: Q...
8:40:35.056897	MaMPEng.exe	13116	UnlockFileSingle	C:\ProgramData\Microsoft\Windows Def...	SUCCESS	Type: REG_DWORD, Offset: 124, Length: 1
8:40:35.056938	Explorer.EXE	7324	RegCloseKey	HKLM\SOFTWARE\Microsoft\Windows...	SUCCESS	
8:40:35.056977	svchost.exe	2828	ReadFile	C:\ProgramData\Microsoft\WindowsAp...	SUCCESS	Offset: 1 339 392 L...
8:40:35.057002	Explorer.EXE	7324	RegOpenKey	HKCU	SUCCESS	Query Handle Tag...
8:40:35.057222	Explorer.EXE	7324	RegOpenKey	HKCU\Software\Microsoft\Windows\Cur...	SUCCESS	Desired Access: Q...
8:40:35.057409	Explorer.EXE	7324	RegOpenKey	HKCU\Software\Microsoft\Windows...	SUCCESS	Type: REG_DWORD, Offset: 2 451 456 L...
8:40:35.057469	svchost.exe	2828	ReadFile	C:\ProgramData\Microsoft\WindowsAp...	SUCCESS	
8:40:35.057625	Explorer.EXE	7324	RegCloseKey	HKCU\SOFTWARE\Microsoft\Windows...	SUCCESS	
8:40:35.057805	svchost.exe	2828	UnlockFileSingle	C:\ProgramData\Microsoft\WindowsAp...	SUCCESS	Offset: 124, Length: 1
8:40:35.057945	ntmon.exe	7240	ReadFile	C:\Windows\System32\logservice\di...	SUCCESS	Offset: 4 401 536 L...
8:40:35.058476	Explorer.EXE	7324	QueryStandard	C:\Users\Virag\AppData\Local\Microsoft...	SUCCESS	AllocationSize: 32, 7
8:40:35.058102	MaMPEng.exe	13116	CreateFile	C:\Users\Virag\Downloads\Sysinternals...	SUCCESS	Desired Access: R...
8:40:35.058138	MaMPEng.exe	13116	QueryNetwork	C:\Users\Virag\Downloads\Sysinternals...	SUCCESS	Creation Time: 2021...
8:40:35.058159	MaMPEng.exe	13116	CreateFile	C:\Users\Virag\Downloads\Sysinternals...	SUCCESS	
8:40:35.058179	Explorer.EXE	7324	CreateFile	C:\Users\Virag\Downloads\Sysinternals...	SUCCESS	Desired Access: R...
8:40:35.058239	Explorer.EXE	7324	QueryBasicInfo	C:\Users\Virag\Downloads\Sysinternals...	SUCCESS	Creation Time: 2021...
8:40:35.058251	svchost.exe	7240	ReadFile	C:\Windows\System32\logservice\di...	SUCCESS	Offset: 4 030 976 L...
8:40:35.058256	Explorer.EXE	7324	CreateFile	C:\Users\Virag\Downloads\Sysinternals...	SUCCESS	
8:40:35.058407	MaMPEng.exe	13116	ReadFile	C:\ProgramData\Microsoft\Windows Def...	SUCCESS	Offset: 14 049 280 L...
8:40:35.058498	MaMPEng.exe	13116	CreateFile	C:\Users\Virag\Downloads\Sysinternals...	SUCCESS	Desired Access: R...
8:40:35.058520	Explorer.EXE	7324	CreateFile	C:\Users\Virag\Downloads\Sysinternals...	SUCCESS	Desired Access: R...
8:40:35.058519	MaMPEng.exe	13116	FileSystemCont	C:\Users\Virag\Downloads\Sysinternals...	OPLOCK HANDLE	Control FSCTL_RE...
8:40:35.058623	Explorer.EXE	7324	QueryBasicInfo	C:\Users\Virag\Downloads\Sysinternals...	SUCCESS	Creation Time: 2021...
8:40:35.058696	Explorer.EXE	7324	CreateFile	C:\Users\Virag\Downloads\Sysinternals...	SUCCESS	
8:40:35.058696	ntmon.exe	7240	CreateFile	C:\Windows\System32\logservice\di...	SUCCESS	Offset: 4 030 688 L...

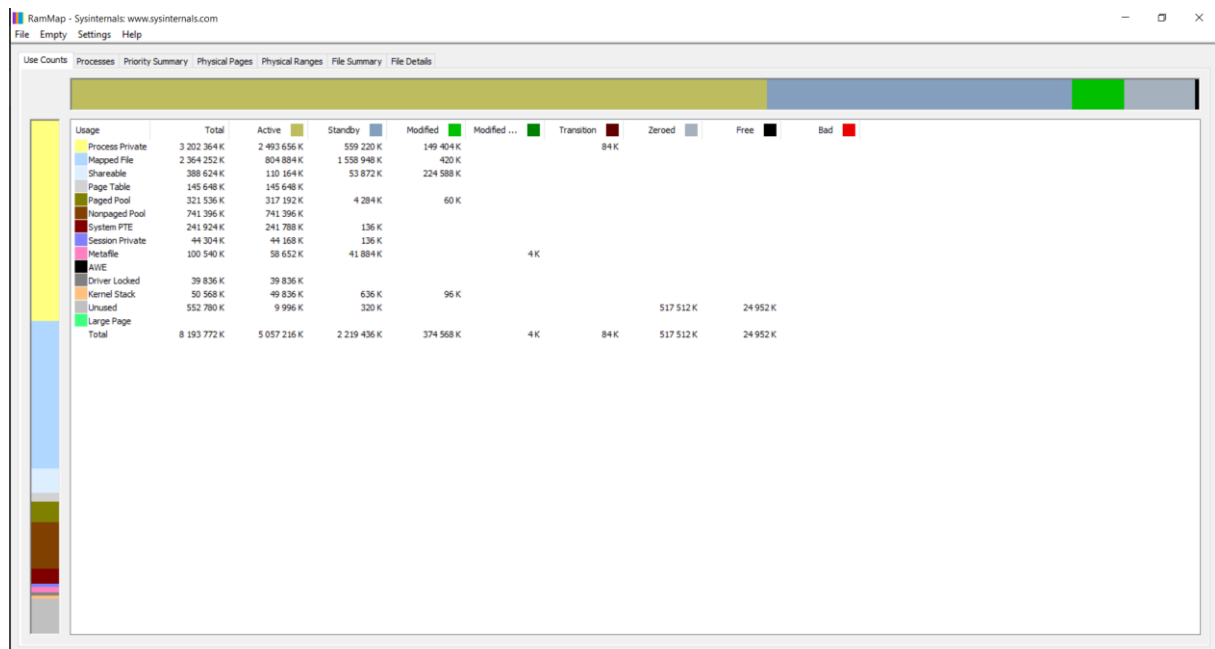
Showing 214 484 of 711 165 events (30%) Backed by virtual memory

AutoRuns

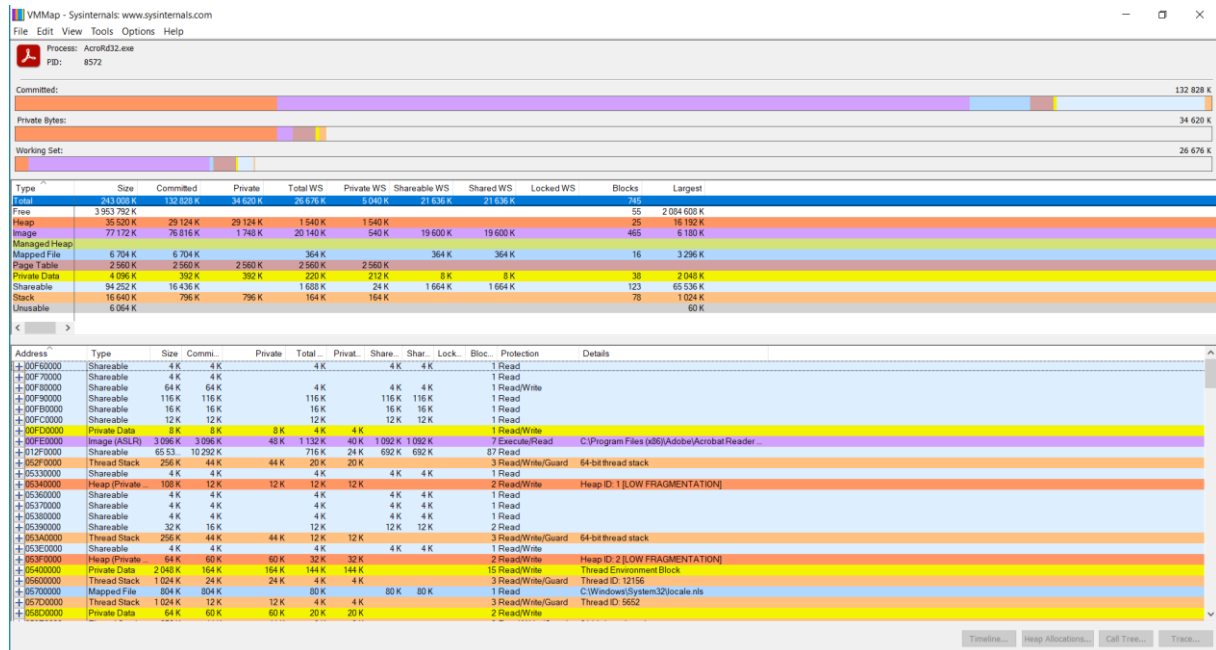


d) Security Utilities (LogonSession)

e) Information Utilities (RAMMap)



+1 választott VMMap





CPU-Z



CPU

Caches

Mainboard

Memory

SPD

Graphics

Bench

About

Processor

Name	Intel Core i5		
Code Name	Comet Lake-U/Y	Max TDP	15.0 W
Package	Socket 1528 FCBGA		
Technology	14 nm	Core VID	0.569 V



Specification Intel® Core™ i5-10210U CPU @ 1.60GHz

Family	6	Model	E	Stepping	C
Ext. Family	6	Ext. Model	8E	Revision	C0
Instructions	MMX, SSE, SSE2, SSE3, SSSE3, SSE4.1, SSE4.2, EM64T, VT-x, AES, AVX, AVX2, FMA3				

Clocks (Core #0)

Core Speed	798.44 MHz
Multiplier	x 8.0 (4 - 42)
Bus Speed	99.81 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	4-way
Level 3	6 MBytes	12-way

Selection Socket #1

Cores 4 Threads 8

CPU-Z

Ver. 1.95.0.x64

Tools



Validate

Close

CPU-Z

Binaries

CPU-Z version 1.95.0.x64

Processors

CPU Groups 1
 CPU Group 0 8 CPUs, mask=0xFF
 Number of sockets 1
 Number of threads 8

APICs

Socket 0

-- Core 0 (ID 0)
 -- Thread 0 0
 -- Thread 1 1
 -- Core 1 (ID 1)
 -- Thread 2 2
 -- Thread 3 3
 -- Core 2 (ID 2)
 -- Thread 4 4
 -- Thread 5 5
 -- Core 3 (ID 3)
 -- Thread 6 6
 -- Thread 7 7

Timers

ACPI timer 3.580 MHz
 Perf timer 10.000 MHz
 Sys timer 1.000 KHz

Processors Information

Socket 1 ID = 0
 Number of cores 4 (max 4)
 Number of threads 8 (max 8)
 Manufacturer GenuineIntel
 Name Intel Core i5
 Codename Comet Lake-U/Y
 Specification Intel(R) Core(TM) i5-10210U CPU @ 1.60GHz
 Package (platform ID) Socket 1528 FCBGA (0x2)
 CPUID 6.E.C
 Extended CPUID 6.8E
 Core Stepping C0
 Technology 14 nm
 TDP Limit 15.0 Watts
 Tjmax 100.0 °C
 Core Speed 4090.0 MHz
 Multiplier x Bus Speed 41.0 x 99.8 MHz
 Base frequency (cores) 99.8 MHz
 Base frequency (ext.) 99.8 MHz
 Stock frequency 2100 MHz
 Max frequency 4200 MHz
 Instructions sets MMX, SSE, SSE2, SSE3, SSSE3, SSE4.1, SSE4.2, EM64T, VT-x, AES, AVX, AVX2, FMA3

Microcode Revision	0xC0
L1 Data cache	4 x 32 KBytes, 8-way set associative, 64-byte line size
L1 Instruction cache	4 x 32 KBytes, 8-way set associative, 64-byte line size
L2 cache	4 x 256 KBytes, 4-way set associative, 64-byte line size
L3 cache	6 MBytes, 12-way set associative, 64-byte line size
Max CPUID level	00000016h
Max CPUID ext. level	80000008h
FID/VID Control	yes

Turbo Mode	supported, enabled
Max non-turbo ratio	21x
Max turbo ratio	42x
Max efficiency ratio	4x
Speedshift	Autonomous
O/C bins	none
Ratio 1 core	42x
Ratio 2 cores	41x
Ratio 3 cores	39x
Ratio 4 cores	39x
IA Voltage Mode	PCU adaptive
IA Voltage Offset	0 mV
GT Voltage Mode	PCU adaptive
GT Voltage Offset	0 mV
LLC/Ring Voltage Mode	PCU adaptive
LLC/Ring Voltage Offset	0 mV
Agent Voltage Mode	PCU adaptive
Agent Voltage Offset	0 mV
TDP Level	15.0 W @ 16x
TDP Level	10.0 W @ 8x
TDP Level	25.0 W @ 21x

Temperature 0	74 degC (165 degF) (Package)
Temperature 1	57 degC (134 degF) (Core #0)
Temperature 2	73 degC (163 degF) (Core #1)
Temperature 3	57 degC (134 degF) (Core #2)
Temperature 4	57 degC (134 degF) (Core #3)
Voltage 0	1.12 Volts (VID)
Voltage 1	+0.00 Volts (IA Offset)
Voltage 2	+0.00 Volts (GT Offset)
Voltage 3	+0.00 Volts (LLC/Ring Offset)
Voltage 4	+0.00 Volts (System Agent Offset)
Power 00	16.23 W (Package)
Power 01	14.64 W (IA Cores)
Power 02	0.06 W (GT)
Power 03	1.54 W (Uncore)
Power 04	0.62 W (DRAM)
Clock Speed 0	4090.00 MHz (Core #0)
Clock Speed 1	3690.97 MHz (Core #1)
Clock Speed 2	3890.48 MHz (Core #2)
Clock Speed 3	3890.48 MHz (Core #3)
Core 0 max ratio	42.0 (effective 41.0)
Core 1 max ratio	42.0 (effective 41.0)
Core 2 max ratio	42.0 (effective 41.0)
Core 3 max ratio	42.0 (effective 41.0)

Northbridge	Intel Comet Lake rev. 0C
Southbridge	Intel Comet Lake PCH rev. 00
Bus Specification	PCI-Express 3.0 (8.0 GT/s)
Graphic Interface	PCI-Express
Memory Type	DDR4
Memory Size	8 GBytes
Channels	Dual
Memory Frequency	1329.5 MHz (1:20)
CAS# latency (CL)	19.0
RAS# to CAS# delay (tRCD)	19
RAS# Precharge (tRP)	19
Cycle Time (tRAS)	43
Row Refresh Cycle Time (tRFC)	467
Command Rate (CR)	2T
Uncore Frequency	3591.2 MHz
Host Bridge	0x9B61
Memory SPD	
Monitoring	
Mainboard Model	X521FA (0x00000177 - 0x0056A420)
LPCIO	
Hardware Monitors	
Hardware monitor	Hardware monitor ID=0xFFFFFFFF
Hardware monitor	Hardware monitor ID=0xFFFFFFFF
Hardware monitor	D3D
Hardware monitor	Intel I/O
Temperature 0	55 degC (131 degF) [0x37] (GPU)
Clock Speed 0	449.01 MHz [0x1C1] (Graphics)
Clock Speed 1	n.a. (Memory)
Clock Speed 2	n.a. (Processor)
PCI Devices	
Description	Host Bridge
Location	bus 0 (0x00), device 0 (0x00), function 0 (0x00)
Common header	
Vendor ID	0x8086
Model ID	0x9B61
Revision ID	0x0C
Description	VGA Controller
Location	bus 0 (0x00), device 2 (0x02), function 0 (0x00)
Common header	
Vendor ID	0x8086
Model ID	0x9B41
Revision ID	0x02
Description	Data Aquisition and Signal Processing Device
Location	bus 0 (0x00), device 4 (0x04), function 0 (0x00)
Common header	
Vendor ID	0x8086
Model ID	0x1903
Revision ID	0x0C

Description	System Device
Location	bus 0 (0x00), device 8 (0x08), function 0 (0x00)
Common header	
Vendor ID	0x8086
Model ID	0x1911
Revision ID	0x00
Description	Data Aquisition and Signal Processing Device
Location	bus 0 (0x00), device 18 (0x12), function 0 (0x00)
Common header	
Vendor ID	0x8086
Model ID	0x02F9
Revision ID	0x00
Description	USB Controller
Location	bus 0 (0x00), device 20 (0x14), function 0 (0x00)
Common header	
Vendor ID	0x8086
Model ID	0x02ED
Revision ID	0x00
Description	RAM Memory Controller
Location	bus 0 (0x00), device 20 (0x14), function 2 (0x02)
Common header	
Vendor ID	0x8086
Model ID	0x02EF
Revision ID	0x00
Description	Network Controller
Location	bus 0 (0x00), device 20 (0x14), function 3 (0x03)
Common header	
Vendor ID	0x8086
Model ID	0x02F0
Revision ID	0x00
Description	Serial Bus Controller
Location	bus 0 (0x00), device 21 (0x15), function 0 (0x00)
Common header	
Vendor ID	0x8086
Model ID	0x02E8
Revision ID	0x00
Description	Serial Bus Controller
Location	bus 0 (0x00), device 21 (0x15), function 1 (0x01)
Common header	
Vendor ID	0x8086
Model ID	0x02E9
Revision ID	0x00
Description	Communication Device
Location	bus 0 (0x00), device 22 (0x16), function 0 (0x00)
Common header	
Vendor ID	0x8086
Model ID	0x02E0
Revision ID	0x00
Description	RAID Controller
Location	bus 0 (0x00), device 23 (0x17), function 0 (0x00)
Common header	

Vendor ID	0x8086
Model ID	0x02D7
Revision ID	0x00
Description	PCI to PCI Bridge
Location	bus 0 (0x00), device 29 (0x1D), function 0 (0x00)
Common header	
Vendor ID	0x8086
Model ID	0x02B0
Revision ID	0xF0
Description	Communication Device
Location	bus 0 (0x00), device 30 (0x1E), function 0 (0x00)
Common header	
Vendor ID	0x8086
Model ID	0x02A8
Revision ID	0x00
Description	Serial Bus Controller
Location	bus 0 (0x00), device 30 (0x1E), function 2 (0x02)
Common header	
Vendor ID	0x8086
Model ID	0x02AA
Revision ID	0x00
Description	PCI to ISA Bridge
Location	bus 0 (0x00), device 31 (0x1F), function 0 (0x00)
Common header	
Vendor ID	0x8086
Model ID	0x0284
Revision ID	0x00
Description	Multimedia device
Location	bus 0 (0x00), device 31 (0x1F), function 3 (0x03)
Common header	
Vendor ID	0x8086
Model ID	0x02C8
Revision ID	0x00
Description	SMBus Controller
Location	bus 0 (0x00), device 31 (0x1F), function 4 (0x04)
Common header	
Vendor ID	0x8086
Model ID	0x02A3
Revision ID	0x00
Description	Serial Bus Controller
Location	bus 0 (0x00), device 31 (0x1F), function 5 (0x05)
Common header	
Vendor ID	0x8086
Model ID	0x02A4
Revision ID	0x00

DMI

SMBIOS Version 3.2

DMI BIOS

vendor	American Megatrends Inc.
version	X521FA.203
date	11/28/2019
ROM size	16384 KB
DMI System Information	
manufacturer	ASUSTeK COMPUTER INC.
product	VivoBook_ASUSLaptop X521FA_S533FA
version	1.0
serial	L6N0CV12C031259
UUID	{ED2359EF-D9DA-D64B-953C-70335EF133E6}
SKU	unknown
family	VivoBook
DMI Baseboard	
vendor	ASUSTeK COMPUTER INC.
model	X521FA
revision	1.0
serial	L624NBCV0089SNMB
DMI System Enclosure	
manufacturer	ASUSTeK COMPUTER INC.
chassis type	Notebook
chassis serial	L6N0CV12C031259
DMI Physical Memory Array	
location	Motherboard
usage	System Memory
correction	None
max capacity	32 GB
max# of devices	2
DMI Memory Device	
designation	ChannelA-DIMM0
format	SODIMM
type	DDR4
total width	64 bits
data width	64 bits
size	4 GB
DMI Memory Device	
designation	ChannelB-DIMM0
format	SODIMM
type	DDR4
total width	64 bits
data width	64 bits
size	4 GB
DMI OEM Strings	
string[0]	kPJ-+7X7+EfTa
string[1]	jTyRUBSNi7Ydf
string[2]	fCrOzJ6x1i-eh
string[3]	
string[4]	90NB0LE4-M01710
DMI Processor	
manufacturer	Intel(R) Corporation
model	Intel(R) Core(TM) i5-10210U CPU @ 1.60GHz
clock speed	1584.0 MHz

FSB speed	100.0 MHz
multiplier	16.0x

Graphics

Number of adapters	1
--------------------	---

Graphic APIs

API	D3D
API	Intel I/O

Display Adapters

Display adapter 0	
ID	0x4000000
Name	Intel(R) UHD Graphics
Board Manufacturer	ASUSTeK Computer Inc.
Codename	Comet Lake GT2
Technology	14 nm
PCI device	bus 0 (0x0), device 2 (0x2), function 0 (0x0)
Vendor ID	0x8086 (0x1043)
Model ID	0x9B41 (0x1DB1)
Revision ID	0x2
Performance Level	0
Core clock	448.8 MHz
Performance Level	Current
Core clock	448.7 MHz
Driver version	27.20.100.8681
WDDM Model	2.7

Win32_VideoController AdapterRAM = 0x40000000 (1073741824)

Win32_VideoController DriverVersion = 27.20.100.8681

Win32_VideoController DriverDate = 09/05/2020

Monitor 0	
Model	()
ID	LGD0563
Serial	
Manufacturing Date	Week 0, Year 2018
Size	15.3 inches
Max Resolution	1920 x 1080 @ 59 Hz
Horizontal Freq. Range	0-0 kHz
Vertical Freq. Range	0-0 Hz
Max Pixel Clock	0 MHz
Gamma Factor	2.2

Software

Windows Version	Microsoft Windows 10 (10.0) Professional 64-bit (Build 19041)
DirectX Version	12.0

Dependency Walker - [main.exe]

File Edit View Options Profile Window Help

c:\users\virag\onedrive\asztali gép\osgyak\3.gyak\afx9aw\MAIN.EXE

Module	PI	Ordinal ^	Hint	Function	Entry Point
c:\windows\system32\KERNEL32.DLL		N/A	207 (0x00CF)	DeleteCriticalSection	Not Bound
c:\program files\java\jdk-15.0.2\bin\API-MS-WIN-CORE-RTLSUPPORT-L1-1-0.DLL		N/A	236 (0x00EC)	EnterCriticalSection	Not Bound
c:\windows\system32\NTDLL.DLL		N/A	279 (0x0117)	ExitProcess	Not Bound
c:\windows\system32\NTDLL.DLL		N/A	300 (0x012C)	FindClose	Not Bound
c:\windows\system32\KERNELBASE.DLL		N/A	304 (0x0130)	FindFirstFileA	Not Bound
c:\windows\system32\NTDLL.DLL		N/A	321 (0x0141)	FindNextFileA	Not Bound
c:\windows\system32\NTDLL.DLL		N/A	352 (0x0160)	FreeLibrary	Not Bound
API-MS-WIN-EVENTING-PROVIDER-L1-1-0.DLL		N/A	388 (0x0184)	GetCommandLineA	Not Bound
API-MS-WIN-CORE-APIQUERY-L1-1-0.DLL		N/A	510 (0x01FE)	GetLastError	Not Bound
API-MS-WIN-CORE-APIQUERY-L1-1-1.DLL		N/A	529 (0x0211)	GetModuleHandleA	Not Bound
EXT-MS-WIN-ADVAPI32-REGISTRY-L1-1-0.DLL		N/A			
EXT-MS-WIN-ADVAPI32-REGISTRY-L1-1-1.DLL		N/A			
EXT-MS-WIN-KERNEL32-APPCOMPAT-L1-1-0.DLL		N/A			
EXT-MS-WIN-NTUSER-STRING-L1-1-0.DLL		N/A			
EXT-MS-WIN-KERNEL32-FILE-L1-1-0.DLL		N/A			
EXT-MS-WIN-KERNEL32-DATETIME-L1-1-0.DLL		N/A			
EXT-MS-WIN-KERNEL32-QUIRKS-L1-1-0.DLL		N/A			
EXT-MS-WIN-KERNEL32-QUIRKS-L1-1-1.DLL		N/A			
EXT-MS-WIN-KERNEL32-SIDEBYSIDE-L1-1-0.DLL		N/A			
EXT-MS-WIN-MPMCOREP-RESMANAGER-L1-1-0.DLL		N/A			

Module ^	File Time Stamp	Link Time Stamp	File Size	Attr.	Link Checksum	Real Checksum	CPU	Subsystem	Symbol
API-MS-WIN-APPMODEL-IDENTITY-L1-2-0.DLL									Error opening file. A rendszer nem találja a megadott fájlt (2).
API-MS-WIN-APPMODEL-RUNTIME-INTERNAL-L1-1-1.DLL									Error opening file. A rendszer nem találja a megadott fájlt (2).
API-MS-WIN-APPMODEL-RUNTIME-INTERNAL-L1-1-2.DLL									Error opening file. A rendszer nem találja a megadott fájlt (2).
API-MS-WIN-APPMODEL-RUNTIME-INTERNAL-L1-1-3.DLL									Error opening file. A rendszer nem találja a megadott fájlt (2).
API-MS-WIN-APPMODEL-RUNTIME-INTERNAL-L1-1-7.DLL									Error opening file. A rendszer nem találja a megadott fájlt (2).
API-MS-WIN-APPMODEL-RUNTIME-L1-1-0.DLL									Error opening file. A rendszer nem találja a megadott fájlt (2).
API-MS-WIN-APPMODEL-RUNTIME-L1-1-1.DLL									Error opening file. A rendszer nem találja a megadott fájlt (2).
API-MS-WIN-APPMODEL-RUNTIME-L1-1-2.DLL									Error opening file. A rendszer nem találja a megadott fájlt (2).
API-MS-WIN-APPMODEL-STATE-L1-2-0.DLL									Error opening file. A rendszer nem találja a megadott fájlt (2).

Error: At least one required implicit or forwarded dependency was not found.
 Error: At least one module has an unresolved import due to a missing export function in an implicitly dependent module.
 Error: Modules with different CPU types were found.
 Error: A circular dependency was detected.
 Warning: At least one delay-load dependency module was not found.
 Warning: At least one module has an unresolved import due to a missing export function in a delay-load dependent module.