

HWMonitor

CPUID HWMonitor Report

Binaries

HWMonitor version 1.3.1.0

Monitoring

Mainboard Model Z170A SLI PLUS (MS-7998) (0x000005BE - 0x92744520)

LPCIO

LPCIO Vendor Nuvoton
LPCIO Model NCT6793/NCT5563
LPCIO Vendor ID 0x5CA3
LPCIO Chip ID 0xD1
LPCIO Revision ID 0x21
Config Mode I/O address 0x4E
Config Mode LDN 0xB
Config Mode registers

	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F
00	FF	FF	00	FF	FF	FF	FF	0B	FF	FF	FF	FF	FF	FF	FF	FF
10	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	30	40	10	00	FF	FF
20	D1	21	FF	00	04	00	40	13	00	FF	40	00	00	00	00	18
30	01	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
40	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
50	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
60	0A	20	0A	30	00	00	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
70	00	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF

Register space LPC, base address = 0x0A20

Hardware Monitors

Hardware monitor Nuvoton NCT6793

Voltage 0	0.77 Volts [0x60] (CPU VCORE)
Voltage 1	1.00 Volts [0x7D] (VIN1)
Voltage 2	3.39 Volts [0xD4] (AVCC)
Voltage 3	3.31 Volts [0xCF] (3VCC)
Voltage 4	1.01 Volts [0x7E] (VIN4)
Voltage 5	0.14 Volts [0x12] (VIN5)
Voltage 6	0.96 Volts [0x78] (VIN6)
Voltage 7	1.09 Volts [0x88] (VIN7)
Voltage 8	0.77 Volts [0x60] (VIN8)
Voltage 9	0.60 Volts [0x4B] (VIN9)
Voltage 10	1.01 Volts [0x7E] (VIN10)
Voltage 11	1.00 Volts [0x7D] (VIN11)

HWMonitor

Voltage 12 0.96 Volts [0x78] (VIN12)
Voltage 13 1.01 Volts [0x7E] (VIN13)
Voltage 14 0.00 Volts [0x0] (VIN14)
Temperature 0 31 degC (87 degF) [0x1F] (SYSTIN)
Temperature 3 29 degC (84 degF) [0x1D] (TMPIN3)
Temperature 5 127 degC (260 degF) [0x7F] (TMPIN5)
Temperature 6 31 degC (87 degF) [0x1F] (TMPIN6)
Fan 0 873 RPM [0x369] (SYSFANIN)
Fan 1 396 RPM [0x18C] (CPUFANIN)
Fan 2 825 RPM [0x339] (AUXFANIN0)
Fan 3 610 RPM [0x262] (AUXFANIN1)
Fan 4 634 RPM [0x27A] (AUXFANIN2)

Hardware registers

Register space

LPC, base address = 0x0A20

bank 0

	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F
00	03	21	03	21	00	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
10	03	99	03	99	03	99	03	7F	40	7B	88	00	7E	4B	BD	00
20	61	7D	D4	CF	7E	12	78	1F	FF	FF	FF	DA	00	00	00	00
30	00	00	00	00	00	00	00	00	00	00	00	FF	FF	FF	FF	FF
40	03	3F	07	FF	DF	00	3F	FF	2D	FF	FF	10	08	55	00	A3
50	05	FF	FF	FF	FF	FF	FF	FF	C1	FF	FF	FF	FF	06	06	FF
60	29	F0	FF	FF	FF	01	00	FF	FF	FF	FF	FF	FF	FF	FF	FF
70	00	0A	00	1D	80	1D	80	1D	80	1D	80	1D	80	1C	80	FF
80	FF	7F	3F	BF	FF	05	05	05	00	00	00	00	00	00	00	00
90	0A	00	00	00	00	FD	FD	FD	0A	95	EF	80	FF	40	46	C4
A0	0E	FF	00	00	FF	00	00	FF	00	00	80	66	06	06	01	00
B0	00	00	00	00	00	00	2C	00	04	00	00	09	7E	00	04	00
C0	FF	FF	FF	FF	FF	FF	FF	FF	FF	18	03	06	FF	FF	FF	FF
D0	05	05	05	05	00	00	00	00	00	00	00	00	FD	FD	FD	FD
E0	55	80	00	00	00	FF	FF	FF	FF	FF	00	00	00	00	00	00
F0	00	00	00	00	00	00	00	00	00	00	4E	0F	EA	FF	FF	FF

bank 1

80	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
90	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF

bank 2

80	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
90	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF

bank 3

80	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
90	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF

bank 4

80	61	7D	D4	CF	7E	12	78	D4	00	7B	88	00	7E	4B	BD	00
90	1F	7F	1C	15	80	FF	00	2C	00	1D	1D	1D	1D	1D	1F	1C

bank 5

80	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
90	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF

bank 6

80	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
90	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF

bank 7

80	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
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HWMonitor

90 FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF

Hardware monitor	ACPI
Temperature 0	28 degC (82 degF) [0xBC2] (TZ00)
Temperature 1	30 degC (85 degF) [0xBD6] (TZ01)

Hardware monitor	NVIDIA NVAPI
Voltage 0	0.63 Volts [0x271] (GPU)
Power 0	6.39 pc (GPU)
Temperature 0	35 degC (95 degF) [0x23] (GPU)
Fan 0	0 RPM [0x0] (GPU)
Fan PWM 0	0 pc [0x0] (FANPWMIN0)
Clock Speed 0	1506.00 MHz [0x5E2] (Graphics)
Clock Speed 1	4004.00 MHz [0x5E2] (Memory)

Processors

Number of processors	1
Number of threads	8

APICs

Processor 0

-- Core 0	
-- Thread 0	0
-- Thread 1	1
-- Core 1	
-- Thread 0	2
-- Thread 1	3
-- Core 2	
-- Thread 0	4
-- Thread 1	5
-- Core 3	
-- Thread 0	6
-- Thread 1	7

Timers

ACPI timer	3.580 MHz
Perf timer	3.914 MHz
Sys timer	1.000 KHz

Processors Information

Processor 1	ID = 0
Number of cores	4 (max 4)

	HWMonitor
Number of threads	8 (max 8)
Name	Intel Core i7 6700K
Codename	Skylake
Specification	Intel(R) Core(TM) i7-6700K CPU @ 4.00GHz
Package (platform ID)	Socket 1151 LGA (0x1)
CPUID	6.E.3
Extended CPUID	6.5E
Core Stepping	R0
Technology	14 nm
TDP Limit	95.0 Watts
Tjmax	100.0 °C
Core Speed	800.0 MHz
Multiplier x Bus Speed	8.0 x 100.0 MHz
Stock frequency	4000 MHz
Max frequency	4200 MHz
Instructions sets	MMX, SSE, SSE2, SSE3, SSSE3, SSE4.1, SSE4.2, EM64T, VT-x, AES, AVX, AVX2, FMA3, TSX
L1 Data cache line size	4 x 32 KBytes, 8-way set associative, 64-byte line size
L1 Instruction cache line size	4 x 32 KBytes, 8-way set associative, 64-byte line size
L2 cache line size	4 x 256 KBytes, 4-way set associative, 64-byte line size
L3 cache size	8 MBytes, 16-way set associative, 64-byte line size
Max CPUID level	00000016h
Max CPUID ext. level	80000008h
Cache descriptor	Level 1, D, 32 KB, 2 thread(s)
Cache descriptor	Level 1, I, 32 KB, 2 thread(s)
Cache descriptor	Level 2, U, 256 KB, 2 thread(s)
Cache descriptor	Level 3, U, 8 MB, 16 thread(s)
FID/VID Control	yes
Turbo Mode	supported, enabled
Max non-turbo ratio	40x
Max turbo ratio	42x
Max efficiency ratio	8x
Speedshift	Autonomous
O/C bins	unlimited
Ratio 1 core	42x
Ratio 2 cores	40x
Ratio 3 cores	40x
Ratio 4 cores	40x
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

HWMonitor

Temperature 0	22 degC (71 degF) (Core #0)
Temperature 1	23 degC (73 degF) (Core #1)
Temperature 2	20 degC (68 degF) (Core #2)
Temperature 3	22 degC (71 degF) (Core #3)
Temperature 4	29 degC (84 degF) (Package)
Voltage 0	0.77 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 0	11.94 W (Package)
Power 1	0.89 W (IA Cores)
Power 2	n.a. (GT)
Power 3	11.05 W (Uncore)
Power 4	0.46 W (DRAM)
Clock Speed 0	800.00 MHz (Core #0)
Clock Speed 1	800.00 MHz (Core #1)
Clock Speed 2	800.00 MHz (Core #2)
Clock Speed 3	800.00 MHz (Core #3)

Thread dumps

CPU Thread 0

APIC ID	0			
Topology	Processor ID 0, Core ID 0, Thread ID 0			
CPUID				
0x00000000	0x00000016	0x756E6547	0x6C65746E	
0x49656E69				
0x00000001	0x000506E3	0x00100800	0x7FFAFBBF	
0xBFEBFBFF				
0x00000002	0x76036301	0x00F0B5FF	0x00000000	
0x00C30000				
0x00000003	0x00000000	0x00000000	0x00000000	
0x00000000				
0x00000004	0x1C004121	0x01C0003F	0x0000003F	
0x00000000				
0x00000004	0x1C004122	0x01C0003F	0x0000003F	
0x00000000				
0x00000004	0x1C004143	0x00C0003F	0x000003FF	
0x00000000				
0x00000004	0x1C03C163	0x03C0003F	0x00001FFF	
0x00000006				
0x00000005	0x00000040	0x00000040	0x00000003	
0x00142120				
0x00000006	0x000027F7	0x00000002	0x00000001	
0x00000000				
0x00000007	0x00000000	0x029C6FBF	0x00000000	
0x00000000				

	HWMonitor		
0x00000008	0x00000000	0x00000000	0x00000000
0x00000000			
0x00000009	0x00000000	0x00000000	0x00000000
0x00000000			
0x0000000A	0x07300404	0x00000000	0x00000000
0x00000003			
0x0000000B	0x00000001	0x00000002	0x00000100
0x00000000			
0x0000000B	0x00000004	0x00000008	0x00000201
0x00000000			
0x0000000C	0x00000000	0x00000000	0x00000000
0x00000000			
0x0000000D	0x0000001F	0x00000440	0x00000440
0x00000000			
0x0000000D	0x0000000F	0x000003C0	0x00000100
0x00000000			
0x0000000D	0x00000100	0x00000240	0x00000000
0x00000000			
0x0000000D	0x00000040	0x000003C0	0x00000000
0x00000000			
0x0000000D	0x00000040	0x00000400	0x00000000
0x00000000			
0x0000000E	0x00000000	0x00000000	0x00000000
0x00000000			
0x0000000F	0x00000000	0x00000000	0x00000000
0x00000000			
0x00000010	0x00000000	0x00000000	0x00000000
0x00000000			
0x00000011	0x00000000	0x00000000	0x00000000
0x00000000			
0x00000012	0x00000000	0x00000000	0x00000000
0x00000000			
0x00000013	0x00000000	0x00000000	0x00000000
0x00000000			
0x00000014	0x00000001	0x0000000F	0x00000007
0x00000000			
0x00000015	0x00000002	0x0000014E	0x00000000
0x00000000			
0x00000016	0x00000FA0	0x00001068	0x00000064
0x00000000			
0x80000000	0x80000008	0x00000000	0x00000000
0x00000000			
0x80000001	0x00000000	0x00000000	0x00000121
0x2C100800			
0x80000002	0x65746E49	0x2952286C	0x726F4320
0x4D542865			
0x80000003	0x37692029	0x3037362D	0x43204B30
0x40205550			
0x80000004	0x302E3420	0x7A484730	0x00000000
0x00000000			
0x80000005	0x00000000	0x00000000	0x00000000
0x00000000			

	HWMonitor		
0x80000006	0x00000000	0x00000000	0x01006040
0x00000000			
0x80000007	0x00000000	0x00000000	0x00000000
0x00000100			
0x80000008	0x00003027	0x00000000	0x00000000
0x00000000			

MSR 0x0000001B	0x00000000	0xFEE00900
MSR 0x0000003A	0x00000000	0x00000005
MSR 0x000001A0	0x00000000	0x00850089
MSR 0x00000770	0x00000000	0x00000001
MSR 0x00000774	0x0000019E	0x9900FF02
MSR 0x000000CE	0x00080838	0xF1012800
MSR 0x00000017	0x00040000	0x00000000
MSR 0x00000035	0x00000000	0x00040008
MSR 0x000000C1	0x0000FFFF	0xFFE5DA6A
MSR 0x000000C2	0x00000000	0x00000000
MSR 0x000000C3	0x00000000	0x00000000
MSR 0x000000C4	0x00000000	0x00000000
MSR 0x00000186	0x00000000	0x00000000
MSR 0x00000187	0x00000000	0x00000000
MSR 0x000001AD	0x00000000	0x2828282A
MSR 0x00000194	0x00000000	0x000F0000
MSR 0x0000019A	0x00000000	0x00000000
MSR 0x000001A4	0x00000000	0x00000000
MSR 0x000001B1	0x00000000	0x883F0800
MSR 0x000001FC	0x00000000	0x0038005D
MSR 0x00000606	0x00000000	0x000A0E03
MSR 0x00000601	0x00000000	0x80000000
MSR 0x00000610	0x0042FFFF	0x001DFFFF
MSR 0x00000611	0x00000000	0x1B9274BD
MSR 0x00000639	0x00000000	0x07318F5B
MSR 0x00000641	0x00000000	0x00000000
MSR 0x00000619	0x00000000	0x00F409ED
MSR 0x00000614	0x00000000	0x000002F8
MSR 0x0000019C	0x00000000	0x883F0800
MSR 0x000001A2	0x00000000	0x00641400
MSR 0x00000198	0x00002686	0x00002800
MSR 0x00000199	0x00000000	0x00002800

CPU Thread 1

APIC ID
Topology

1
Processor ID 0, Core ID 0, Thread ID 1

CPUID			
0x00000000	0x00000016	0x756E6547	0x6C65746E
0x49656E69			
0x00000001	0x000506E3	0x01100800	0x7FFAFBBF
0xBFEBFBFF			
0x00000002	0x76036301	0x00F0B5FF	0x00000000
0x00C30000			
0x00000003	0x00000000	0x00000000	0x00000000

HWMonitor

0x00000000			
0x00000004	0x1C004121	0x01C0003F	0x0000003F
0x00000000			
0x00000004	0x1C004122	0x01C0003F	0x0000003F
0x00000000			
0x00000004	0x1C004143	0x00C0003F	0x000003FF
0x00000000			
0x00000004	0x1C03C163	0x03C0003F	0x00001FFF
0x00000006			
0x00000005	0x00000040	0x00000040	0x00000003
0x00142120			
0x00000006	0x000027F7	0x00000002	0x00000001
0x00000000			
0x00000007	0x00000000	0x029C6FBF	0x00000000
0x00000000			
0x00000008	0x00000000	0x00000000	0x00000000
0x00000000			
0x00000009	0x00000000	0x00000000	0x00000000
0x00000000			
0x0000000A	0x07300404	0x00000000	0x00000000
0x00000603			
0x0000000B	0x00000001	0x00000002	0x00000100
0x00000001			
0x0000000B	0x00000004	0x00000008	0x00000201
0x00000001			
0x0000000C	0x00000000	0x00000000	0x00000000
0x00000000			
0x0000000D	0x0000001F	0x00000440	0x00000440
0x00000000			
0x0000000D	0x0000000F	0x000003C0	0x00000100
0x00000000			
0x0000000D	0x00000100	0x00000240	0x00000000
0x00000000			
0x0000000D	0x00000040	0x000003C0	0x00000000
0x00000000			
0x0000000D	0x00000040	0x00000400	0x00000000
0x00000000			
0x0000000E	0x00000000	0x00000000	0x00000000
0x00000000			
0x0000000F	0x00000000	0x00000000	0x00000000
0x00000000			
0x00000010	0x00000000	0x00000000	0x00000000
0x00000000			
0x00000011	0x00000000	0x00000000	0x00000000
0x00000000			
0x00000012	0x00000000	0x00000000	0x00000000
0x00000000			
0x00000013	0x00000000	0x00000000	0x00000000
0x00000000			
0x00000014	0x00000001	0x0000000F	0x00000007
0x00000000			
0x00000015	0x00000002	0x0000014E	0x00000000

HWMonitor

0x00000000			
0x00000016	0x00000FA0	0x00001068	0x00000064
0x00000000			
0x80000000	0x80000008	0x00000000	0x00000000
0x00000000			
0x80000001	0x00000000	0x00000000	0x00000121
0x2C100800			
0x80000002	0x65746E49	0x2952286C	0x726F4320
0x4D542865			
0x80000003	0x37692029	0x3037362D	0x43204B30
0x40205550			
0x80000004	0x302E3420	0x7A484730	0x00000000
0x00000000			
0x80000005	0x00000000	0x00000000	0x00000000
0x00000000			
0x80000006	0x00000000	0x00000000	0x01006040
0x00000000			
0x80000007	0x00000000	0x00000000	0x00000000
0x00000100			
0x80000008	0x00003027	0x00000000	0x00000000
0x00000000			

MSR 0x0000001B	0x00000000	0xFEE00800
MSR 0x0000003A	0x00000000	0x00000005
MSR 0x000001A0	0x00000000	0x00850089
MSR 0x00000770	0x00000000	0x00000001
MSR 0x00000774	0x0000019E	0x9900FF02
MSR 0x000000CE	0x00080838	0xF1012800
MSR 0x00000017	0x00040000	0x00000000
MSR 0x00000035	0x00000000	0x00040008
MSR 0x000000C1	0x0000FFFF	0xFFF1CD3B
MSR 0x000000C2	0x00000000	0x00000000
MSR 0x000000C3	0x00000000	0x00000000
MSR 0x000000C4	0x00000000	0x00000000
MSR 0x00000186	0x00000000	0x00000000
MSR 0x00000187	0x00000000	0x00000000
MSR 0x000001AD	0x00000000	0x2828282A
MSR 0x00000194	0x00000000	0x000F0000
MSR 0x0000019A	0x00000000	0x00000000
MSR 0x000001A4	0x00000000	0x00000000
MSR 0x000001B1	0x00000000	0x883E0800
MSR 0x000001FC	0x00000000	0x0038005D
MSR 0x00000606	0x00000000	0x000A0E03
MSR 0x00000601	0x00000000	0x80000000
MSR 0x00000610	0x0042FFFF	0x001DFFFF
MSR 0x00000611	0x00000000	0x1B928BA7
MSR 0x00000639	0x00000000	0x07319CE4
MSR 0x00000641	0x00000000	0x00000000
MSR 0x00000619	0x00000000	0x00F40A59
MSR 0x00000614	0x00000000	0x000002F8
MSR 0x0000019C	0x00000000	0x883E0800
MSR 0x000001A2	0x00000000	0x00641400

	HWMonitor		
MSR 0x00000198	0x00002685	0x00002800	
MSR 0x00000199	0x00000000	0x00002800	
CPU Thread 2			
APIC ID	2		
Topology	Processor ID 0, Core ID 1, Thread ID 0		
CPUID			
0x00000000	0x00000016	0x756E6547	0x6C65746E
0x49656E69			
0x00000001	0x000506E3	0x02100800	0x7FFAFBBF
0xBFEBFBFF			
0x00000002	0x76036301	0x00F0B5FF	0x00000000
0x00C30000			
0x00000003	0x00000000	0x00000000	0x00000000
0x00000000			
0x00000004	0x1C004121	0x01C0003F	0x0000003F
0x00000000			
0x00000004	0x1C004122	0x01C0003F	0x0000003F
0x00000000			
0x00000004	0x1C004143	0x00C0003F	0x000003FF
0x00000000			
0x00000004	0x1C03C163	0x03C0003F	0x00001FFF
0x00000006			
0x00000005	0x00000040	0x00000040	0x00000003
0x00142120			
0x00000006	0x000027F7	0x00000002	0x00000001
0x00000000			
0x00000007	0x00000000	0x029C6FBF	0x00000000
0x00000000			
0x00000008	0x00000000	0x00000000	0x00000000
0x00000000			
0x00000009	0x00000000	0x00000000	0x00000000
0x00000000			
0x0000000A	0x07300404	0x00000000	0x00000000
0x00000603			
0x0000000B	0x00000001	0x00000002	0x00000100
0x00000002			
0x0000000B	0x00000004	0x00000008	0x00000201
0x00000002			
0x0000000C	0x00000000	0x00000000	0x00000000
0x00000000			
0x0000000D	0x0000001F	0x00000440	0x00000440
0x00000000			
0x0000000D	0x0000000F	0x000003C0	0x00000100
0x00000000			
0x0000000D	0x00000100	0x00000240	0x00000000
0x00000000			
0x0000000D	0x00000040	0x000003C0	0x00000000
0x00000000			
0x0000000D	0x00000040	0x00000400	0x00000000
0x00000000			

	HWMonitor		
0x0000000E	0x00000000	0x00000000	0x00000000
0x00000000			
0x0000000F	0x00000000	0x00000000	0x00000000
0x00000000			
0x00000010	0x00000000	0x00000000	0x00000000
0x00000000			
0x00000011	0x00000000	0x00000000	0x00000000
0x00000000			
0x00000012	0x00000000	0x00000000	0x00000000
0x00000000			
0x00000013	0x00000000	0x00000000	0x00000000
0x00000000			
0x00000014	0x00000001	0x0000000F	0x00000007
0x00000000			
0x00000015	0x00000002	0x0000014E	0x00000000
0x00000000			
0x00000016	0x00000FA0	0x00001068	0x00000064
0x00000000			
0x80000000	0x80000008	0x00000000	0x00000000
0x00000000			
0x80000001	0x00000000	0x00000000	0x00000121
0x2C100800			
0x80000002	0x65746E49	0x2952286C	0x726F4320
0x4D542865			
0x80000003	0x37692029	0x3037362D	0x43204B30
0x40205550			
0x80000004	0x302E3420	0x7A484730	0x00000000
0x00000000			
0x80000005	0x00000000	0x00000000	0x00000000
0x00000000			
0x80000006	0x00000000	0x00000000	0x01006040
0x00000000			
0x80000007	0x00000000	0x00000000	0x00000000
0x00000100			
0x80000008	0x00003027	0x00000000	0x00000000
0x00000000			
MSR 0x0000001B	0x00000000	0xFEE00800	
MSR 0x0000003A	0x00000000	0x00000005	
MSR 0x000001A0	0x00000000	0x00850089	
MSR 0x00000770	0x00000000	0x00000001	
MSR 0x00000774	0x0000019E	0x9900FF02	
MSR 0x000000CE	0x00080838	0xF1012800	
MSR 0x00000017	0x00040000	0x00000000	
MSR 0x00000035	0x00000000	0x00040008	
MSR 0x000000C1	0x0000FFFF	0xFFD6384D	
MSR 0x000000C2	0x00000000	0x00000000	
MSR 0x000000C3	0x00000000	0x00000000	
MSR 0x000000C4	0x00000000	0x00000000	
MSR 0x00000186	0x00000000	0x00000000	
MSR 0x00000187	0x00000000	0x00000000	
MSR 0x000001AD	0x00000000	0x2828282A	

	HWMonitor	
MSR 0x00000194	0x00000000	0x000F0000
MSR 0x0000019A	0x00000000	0x00000000
MSR 0x000001A4	0x00000000	0x00000000
MSR 0x000001B1	0x00000000	0x883D0800
MSR 0x000001FC	0x00000000	0x0038005D
MSR 0x00000606	0x00000000	0x000A0E03
MSR 0x00000601	0x00000000	0x80000000
MSR 0x00000610	0x0042FFFF	0x001DFFFF
MSR 0x00000611	0x00000000	0x1B92A566
MSR 0x00000639	0x00000000	0x0731ABA7
MSR 0x00000641	0x00000000	0x00000000
MSR 0x00000619	0x00000000	0x00F40AD2
MSR 0x00000614	0x00000000	0x000002F8
MSR 0x0000019C	0x00000000	0x883D0800
MSR 0x000001A2	0x00000000	0x00641400
MSR 0x00000198	0x00002749	0x00002800
MSR 0x00000199	0x00000000	0x00002800

CPU Thread 3

APIC ID
Topology

3

Processor ID 0, Core ID 1, Thread ID 1

CPUID			
0x00000000	0x00000016	0x756E6547	0x6C65746E
0x49656E69			
0x00000001	0x000506E3	0x03100800	0x7FFAFBBF
0xBFEBFBFF			
0x00000002	0x76036301	0x00F0B5FF	0x00000000
0x00C30000			
0x00000003	0x00000000	0x00000000	0x00000000
0x00000000			
0x00000004	0x1C004121	0x01C0003F	0x0000003F
0x00000000			
0x00000004	0x1C004122	0x01C0003F	0x0000003F
0x00000000			
0x00000004	0x1C004143	0x00C0003F	0x000003FF
0x00000000			
0x00000004	0x1C03C163	0x03C0003F	0x00001FFF
0x00000006			
0x00000005	0x00000040	0x00000040	0x00000003
0x00142120			
0x00000006	0x000027F7	0x00000002	0x00000001
0x00000000			
0x00000007	0x00000000	0x029C6FBF	0x00000000
0x00000000			
0x00000008	0x00000000	0x00000000	0x00000000
0x00000000			
0x00000009	0x00000000	0x00000000	0x00000000
0x00000000			
0x0000000A	0x07300404	0x00000000	0x00000000
0x00000603			
0x0000000B	0x00000001	0x00000002	0x00000100

HWMonitor

0x00000003	0x0000000B	0x00000004	0x00000008	0x00000201
0x00000003	0x0000000C	0x00000000	0x00000000	0x00000000
0x00000000	0x0000000D	0x0000001F	0x00000440	0x00000440
0x00000000	0x0000000D	0x0000000F	0x000003C0	0x00000100
0x00000000	0x0000000D	0x00000100	0x00000240	0x00000000
0x00000000	0x0000000D	0x00000040	0x000003C0	0x00000000
0x00000000	0x0000000D	0x00000040	0x00000400	0x00000000
0x00000000	0x0000000E	0x00000000	0x00000000	0x00000000
0x00000000	0x0000000F	0x00000000	0x00000000	0x00000000
0x00000000	0x00000010	0x00000000	0x00000000	0x00000000
0x00000000	0x00000011	0x00000000	0x00000000	0x00000000
0x00000000	0x00000012	0x00000000	0x00000000	0x00000000
0x00000000	0x00000013	0x00000000	0x00000000	0x00000000
0x00000000	0x00000014	0x00000001	0x0000000F	0x00000007
0x00000000	0x00000015	0x00000002	0x0000014E	0x00000000
0x00000000	0x00000016	0x00000FA0	0x00001068	0x00000064
0x00000000	0x80000000	0x80000008	0x00000000	0x00000000
0x00000000	0x80000001	0x00000000	0x00000000	0x00000121
0x2C100800	0x80000002	0x65746E49	0x2952286C	0x726F4320
0x4D542865	0x80000003	0x37692029	0x3037362D	0x43204B30
0x40205550	0x80000004	0x302E3420	0x7A484730	0x00000000
0x00000000	0x80000005	0x00000000	0x00000000	0x00000000
0x00000000	0x80000006	0x00000000	0x00000000	0x01006040
0x00000000	0x80000007	0x00000000	0x00000000	0x00000000
0x00000100	0x80000008	0x00003027	0x00000000	0x00000000
0x00000000				

	HWMonitor	
MSR 0x0000001B	0x00000000	0xFEE00800
MSR 0x0000003A	0x00000000	0x00000005
MSR 0x000001A0	0x00000000	0x00850089
MSR 0x00000770	0x00000000	0x00000001
MSR 0x00000774	0x0000019E	0x9900FF02
MSR 0x000000CE	0x00080838	0xF1012800
MSR 0x00000017	0x00040000	0x00000000
MSR 0x00000035	0x00000000	0x00040008
MSR 0x000000C1	0x0000FFFF	0xFFFF327F
MSR 0x000000C2	0x00000000	0x00000000
MSR 0x000000C3	0x00000000	0x00000000
MSR 0x000000C4	0x00000000	0x00000000
MSR 0x00000186	0x00000000	0x00000000
MSR 0x00000187	0x00000000	0x00000000
MSR 0x000001AD	0x00000000	0x2828282A
MSR 0x00000194	0x00000000	0x000F0000
MSR 0x0000019A	0x00000000	0x00000000
MSR 0x000001A4	0x00000000	0x00000000
MSR 0x000001B1	0x00000000	0x883C0800
MSR 0x000001FC	0x00000000	0x0038005D
MSR 0x00000606	0x00000000	0x000A0E03
MSR 0x00000601	0x00000000	0x80000000
MSR 0x00000610	0x0042FFFF	0x001DFFFF
MSR 0x00000611	0x00000000	0x1B92BD38
MSR 0x00000639	0x00000000	0x0731B9EF
MSR 0x00000641	0x00000000	0x00000000
MSR 0x00000619	0x00000000	0x00F40B3D
MSR 0x00000614	0x00000000	0x000002F8
MSR 0x0000019C	0x00000000	0x883C0800
MSR 0x000001A2	0x00000000	0x00641400
MSR 0x00000198	0x00002684	0x00002800
MSR 0x00000199	0x00000000	0x00002800

CPU Thread 4

APIC ID 4
Topology Processor ID 0, Core ID 2, Thread ID 0

CPUID			
0x49656E69	0x00000016	0x756E6547	0x6C65746E
0xBFEBFBFF	0x000506E3	0x04100800	0x7FFAFBBF
0x00C30000	0x76036301	0x00F0B5FF	0x00000000
0x00000000	0x00000000	0x00000000	0x00000000
0x00000004	0x1C004121	0x01C0003F	0x0000003F
0x00000004	0x1C004122	0x01C0003F	0x0000003F
0x00000004	0x1C004143	0x00C0003F	0x000003FF
0x00000000			

	HWMonitor		
0x00000004	0x1C03C163	0x03C0003F	0x00001FFF
0x00000006			
0x00000005	0x00000040	0x00000040	0x00000003
0x00142120			
0x00000006	0x000027F7	0x00000002	0x00000001
0x00000000			
0x00000007	0x00000000	0x029C6FBF	0x00000000
0x00000000			
0x00000008	0x00000000	0x00000000	0x00000000
0x00000000			
0x00000009	0x00000000	0x00000000	0x00000000
0x00000000			
0x0000000A	0x07300404	0x00000000	0x00000000
0x000000603			
0x0000000B	0x00000001	0x00000002	0x00000100
0x00000004			
0x0000000B	0x00000004	0x00000008	0x00000201
0x00000004			
0x0000000C	0x00000000	0x00000000	0x00000000
0x00000000			
0x0000000D	0x0000001F	0x00000440	0x00000440
0x00000000			
0x0000000D	0x0000000F	0x000003C0	0x00000100
0x00000000			
0x0000000D	0x00000100	0x00000240	0x00000000
0x00000000			
0x0000000D	0x00000040	0x000003C0	0x00000000
0x00000000			
0x0000000D	0x00000040	0x00000400	0x00000000
0x00000000			
0x0000000E	0x00000000	0x00000000	0x00000000
0x00000000			
0x0000000F	0x00000000	0x00000000	0x00000000
0x00000000			
0x00000010	0x00000000	0x00000000	0x00000000
0x00000000			
0x00000011	0x00000000	0x00000000	0x00000000
0x00000000			
0x00000012	0x00000000	0x00000000	0x00000000
0x00000000			
0x00000013	0x00000000	0x00000000	0x00000000
0x00000000			
0x00000014	0x00000001	0x0000000F	0x00000007
0x00000000			
0x00000015	0x00000002	0x0000014E	0x00000000
0x00000000			
0x00000016	0x00000FA0	0x00001068	0x00000064
0x00000000			
0x80000000	0x80000008	0x00000000	0x00000000
0x00000000			
0x80000001	0x00000000	0x00000000	0x00000121
0x2C100800			

	HWMonitor		
0x4D542865	0x80000002	0x65746E49	0x2952286C 0x726F4320
0x40205550	0x80000003	0x37692029	0x3037362D 0x43204B30
0x00000000	0x80000004	0x302E3420	0x7A484730 0x00000000
0x00000000	0x80000005	0x00000000	0x00000000 0x00000000
0x00000000	0x80000006	0x00000000	0x00000000 0x01006040
0x00000000	0x80000007	0x00000000	0x00000000 0x00000000
0x00000100	0x80000008	0x00003027	0x00000000 0x00000000
0x00000000			

MSR 0x0000001B	0x00000000	0xFEE00800
MSR 0x0000003A	0x00000000	0x00000005
MSR 0x000001A0	0x00000000	0x00850089
MSR 0x00000770	0x00000000	0x00000001
MSR 0x00000774	0x0000019E	0x9900FF02
MSR 0x000000CE	0x00080838	0xF1012800
MSR 0x00000017	0x00040000	0x00000000
MSR 0x00000035	0x00000000	0x00040008
MSR 0x000000C1	0x0000FFFF	0xFFF7F213
MSR 0x000000C2	0x00000000	0x00000000
MSR 0x000000C3	0x00000000	0x00000000
MSR 0x000000C4	0x00000000	0x00000000
MSR 0x00000186	0x00000000	0x00000000
MSR 0x00000187	0x00000000	0x00000000
MSR 0x000001AD	0x00000000	0x2828282A
MSR 0x00000194	0x00000000	0x000F0000
MSR 0x0000019A	0x00000000	0x00000000
MSR 0x000001A4	0x00000000	0x00000000
MSR 0x000001B1	0x00000000	0x88430800
MSR 0x000001FC	0x00000000	0x0038005D
MSR 0x00000606	0x00000000	0x000A0E03
MSR 0x00000601	0x00000000	0x80000000
MSR 0x00000610	0x0042FFFF	0x001DFFFF
MSR 0x00000611	0x00000000	0x1B92D698
MSR 0x00000639	0x00000000	0x0731C869
MSR 0x00000641	0x00000000	0x00000000
MSR 0x00000619	0x00000000	0x00F40BC2
MSR 0x00000614	0x00000000	0x000002F8
MSR 0x0000019C	0x00000000	0x88430800
MSR 0x000001A2	0x00000000	0x00641400
MSR 0x00000198	0x000026C8	0x00002800
MSR 0x00000199	0x00000000	0x00002800

CPU Thread 5

APIC ID

Topology

5

Processor ID 0, Core ID 2, Thread ID 1

		HWMonitor		
CPUID				
0x49656E69	0x00000000	0x00000016	0x756E6547	0x6C65746E
0xBFEBFBFF	0x00000001	0x000506E3	0x05100800	0x7FFAFBBF
0x00C30000	0x00000002	0x76036301	0x00F0B5FF	0x00000000
0x00000000	0x00000003	0x00000000	0x00000000	0x00000000
0x00000000	0x00000004	0x1C004121	0x01C0003F	0x0000003F
0x00000000	0x00000004	0x1C004122	0x01C0003F	0x0000003F
0x00000000	0x00000004	0x1C004143	0x00C0003F	0x000003FF
0x00000000	0x00000004	0x1C03C163	0x03C0003F	0x00001FFF
0x00000006	0x00000005	0x00000040	0x00000040	0x00000003
0x00142120	0x00000006	0x000027F7	0x00000002	0x00000001
0x00000000	0x00000007	0x00000000	0x029C6FBF	0x00000000
0x00000000	0x00000008	0x00000000	0x00000000	0x00000000
0x00000000	0x00000009	0x00000000	0x00000000	0x00000000
0x00000000	0x0000000A	0x07300404	0x00000000	0x00000000
0x00000603	0x0000000B	0x00000001	0x00000002	0x00000100
0x00000005	0x0000000B	0x00000004	0x00000008	0x00000201
0x00000005	0x0000000C	0x00000000	0x00000000	0x00000000
0x00000000	0x0000000D	0x0000001F	0x00000440	0x00000440
0x00000000	0x0000000D	0x0000000F	0x000003C0	0x00000100
0x00000000	0x0000000D	0x00000100	0x00000240	0x00000000
0x00000000	0x0000000D	0x00000040	0x000003C0	0x00000000
0x00000000	0x0000000D	0x00000040	0x00000400	0x00000000
0x00000000	0x0000000E	0x00000000	0x00000000	0x00000000
0x00000000	0x0000000F	0x00000000	0x00000000	0x00000000
0x00000000	0x00000010	0x00000000	0x00000000	0x00000000
0x00000000	0x00000011	0x00000000	0x00000000	0x00000000

HWMonitor

0x00000000			
0x00000012	0x00000000	0x00000000	0x00000000
0x00000000			
0x00000013	0x00000000	0x00000000	0x00000000
0x00000000			
0x00000014	0x00000001	0x0000000F	0x00000007
0x00000000			
0x00000015	0x00000002	0x0000014E	0x00000000
0x00000000			
0x00000016	0x00000FA0	0x00001068	0x00000064
0x00000000			
0x80000000	0x80000008	0x00000000	0x00000000
0x00000000			
0x80000001	0x00000000	0x00000000	0x00000121
0x2C100800			
0x80000002	0x65746E49	0x2952286C	0x726F4320
0x4D542865			
0x80000003	0x37692029	0x3037362D	0x43204B30
0x40205550			
0x80000004	0x302E3420	0x7A484730	0x00000000
0x00000000			
0x80000005	0x00000000	0x00000000	0x00000000
0x00000000			
0x80000006	0x00000000	0x00000000	0x01006040
0x00000000			
0x80000007	0x00000000	0x00000000	0x00000000
0x00000100			
0x80000008	0x00003027	0x00000000	0x00000000
0x00000000			

MSR 0x0000001B	0x00000000	0xFEE00800
MSR 0x0000003A	0x00000000	0x00000005
MSR 0x000001A0	0x00000000	0x00850089
MSR 0x00000770	0x00000000	0x00000001
MSR 0x00000774	0x0000019E	0x9900FF02
MSR 0x000000CE	0x00080838	0xF1012800
MSR 0x00000017	0x00040000	0x00000000
MSR 0x00000035	0x00000000	0x00040008
MSR 0x000000C1	0x0000FFFF	0xFFD05E9C
MSR 0x000000C2	0x00000000	0x00000000
MSR 0x000000C3	0x00000000	0x00000000
MSR 0x000000C4	0x00000000	0x00000000
MSR 0x00000186	0x00000000	0x00000000
MSR 0x00000187	0x00000000	0x00000000
MSR 0x000001AD	0x00000000	0x2828282A
MSR 0x00000194	0x00000000	0x000F0000
MSR 0x0000019A	0x00000000	0x00000000
MSR 0x000001A4	0x00000000	0x00000000
MSR 0x000001B1	0x00000000	0x88410800
MSR 0x000001FC	0x00000000	0x0038005D
MSR 0x00000606	0x00000000	0x000A0E03
MSR 0x00000601	0x00000000	0x80000000

	HWMonitor	
MSR 0x00000610	0x0042FFFF	0x001DFFFF
MSR 0x00000611	0x00000000	0x1B92EE0E
MSR 0x00000639	0x00000000	0x0731D669
MSR 0x00000641	0x00000000	0x00000000
MSR 0x00000619	0x00000000	0x00F40C32
MSR 0x00000614	0x00000000	0x000002F8
MSR 0x0000019C	0x00000000	0x88410800
MSR 0x000001A2	0x00000000	0x00641400
MSR 0x00000198	0x00002682	0x00002800
MSR 0x00000199	0x00000000	0x00002800

CPU Thread 6

APIC ID
Topology

6
Processor ID 0, Core ID 3, Thread ID 0

CPUID			
0x00000000	0x00000016	0x756E6547	0x6C65746E
0x49656E69			
0x00000001	0x000506E3	0x06100800	0x7FFAFBBF
0xBFEBFBFF			
0x00000002	0x76036301	0x00F0B5FF	0x00000000
0x00C30000			
0x00000003	0x00000000	0x00000000	0x00000000
0x00000000			
0x00000004	0x1C004121	0x01C0003F	0x0000003F
0x00000000			
0x00000004	0x1C004122	0x01C0003F	0x0000003F
0x00000000			
0x00000004	0x1C004143	0x00C0003F	0x000003FF
0x00000000			
0x00000004	0x1C03C163	0x03C0003F	0x00001FFF
0x00000006			
0x00000005	0x00000040	0x00000040	0x00000003
0x00142120			
0x00000006	0x000027F7	0x00000002	0x00000001
0x00000000			
0x00000007	0x00000000	0x029C6FBF	0x00000000
0x00000000			
0x00000008	0x00000000	0x00000000	0x00000000
0x00000000			
0x00000009	0x00000000	0x00000000	0x00000000
0x00000000			
0x0000000A	0x07300404	0x00000000	0x00000000
0x00000603			
0x0000000B	0x00000001	0x00000002	0x00000100
0x00000006			
0x0000000B	0x00000004	0x00000008	0x00000201
0x00000006			
0x0000000C	0x00000000	0x00000000	0x00000000
0x00000000			
0x0000000D	0x0000001F	0x00000440	0x00000440
0x00000000			

	HWMonitor		
0x0000000D	0x0000000F	0x000003C0	0x00000100
0x00000000			
0x0000000D	0x00000100	0x00000240	0x00000000
0x00000000			
0x0000000D	0x00000040	0x000003C0	0x00000000
0x00000000			
0x0000000D	0x00000040	0x00000400	0x00000000
0x00000000			
0x0000000E	0x00000000	0x00000000	0x00000000
0x00000000			
0x0000000F	0x00000000	0x00000000	0x00000000
0x00000000			
0x00000010	0x00000000	0x00000000	0x00000000
0x00000000			
0x00000011	0x00000000	0x00000000	0x00000000
0x00000000			
0x00000012	0x00000000	0x00000000	0x00000000
0x00000000			
0x00000013	0x00000000	0x00000000	0x00000000
0x00000000			
0x00000014	0x00000001	0x0000000F	0x00000007
0x00000000			
0x00000015	0x00000002	0x0000014E	0x00000000
0x00000000			
0x00000016	0x00000FA0	0x00001068	0x00000064
0x00000000			
0x80000000	0x80000008	0x00000000	0x00000000
0x00000000			
0x80000001	0x00000000	0x00000000	0x00000121
0x2C100800			
0x80000002	0x65746E49	0x2952286C	0x726F4320
0x4D542865			
0x80000003	0x37692029	0x3037362D	0x43204B30
0x40205550			
0x80000004	0x302E3420	0x7A484730	0x00000000
0x00000000			
0x80000005	0x00000000	0x00000000	0x00000000
0x00000000			
0x80000006	0x00000000	0x00000000	0x01006040
0x00000000			
0x80000007	0x00000000	0x00000000	0x00000000
0x00000100			
0x80000008	0x00003027	0x00000000	0x00000000
0x00000000			
MSR 0x0000001B	0x00000000	0xFEE00800	
MSR 0x0000003A	0x00000000	0x00000005	
MSR 0x000001A0	0x00000000	0x00850089	
MSR 0x00000770	0x00000000	0x00000001	
MSR 0x00000774	0x0000019E	0x9900FF02	
MSR 0x000000CE	0x00080838	0xF1012800	
MSR 0x00000017	0x00040000	0x00000000	

HWMonitor		
MSR 0x00000035	0x00000000	0x00040008
MSR 0x000000C1	0x0000FFFF	0xFFE78E5C
MSR 0x000000C2	0x00000000	0x00000000
MSR 0x000000C3	0x00000000	0x00000000
MSR 0x000000C4	0x00000000	0x00000000
MSR 0x00000186	0x00000000	0x00000000
MSR 0x00000187	0x00000000	0x00000000
MSR 0x000001AD	0x00000000	0x2828282A
MSR 0x00000194	0x00000000	0x000F0000
MSR 0x0000019A	0x00000000	0x00000000
MSR 0x000001A4	0x00000000	0x00000000
MSR 0x000001B1	0x00000000	0x88440800
MSR 0x000001FC	0x00000000	0x0038005D
MSR 0x00000606	0x00000000	0x000A0E03
MSR 0x00000601	0x00000000	0x80000000
MSR 0x00000610	0x0042FFFF	0x001DFFFF
MSR 0x00000611	0x00000000	0x1B9306B1
MSR 0x00000639	0x00000000	0x0731E3C7
MSR 0x00000641	0x00000000	0x00000000
MSR 0x00000619	0x00000000	0x00F40CA3
MSR 0x00000614	0x00000000	0x000002F8
MSR 0x0000019C	0x00000000	0x88440800
MSR 0x000001A2	0x00000000	0x00641400
MSR 0x00000198	0x00002685	0x00002800
MSR 0x00000199	0x00000000	0x00002800

CPU Thread 7

APIC ID
Topology

7

Processor ID 0, Core ID 3, Thread ID 1

CPUTID			
0x49656E69	0x00000000	0x00000016	0x756E6547
0xBFEBFBFF	0x00000001	0x000506E3	0x07100800
0x00C30000	0x00000002	0x76036301	0x00F0B5FF
0x00000000	0x00000003	0x00000000	0x00000000
0x00000000	0x00000004	0x1C004121	0x01C0003F
0x00000000	0x00000004	0x1C004122	0x01C0003F
0x00000000	0x00000004	0x1C004143	0x00C0003F
0x00000000	0x00000004	0x1C03C163	0x03C0003F
0x00000006	0x00000005	0x00000040	0x00000040
0x00142120	0x00000006	0x000027F7	0x00000002
0x00000000	0x00000007	0x00000000	0x029C6FBF

HWMonitor

0x00000000			
0x00000008	0x00000000	0x00000000	0x00000000
0x00000000			
0x00000009	0x00000000	0x00000000	0x00000000
0x00000000			
0x0000000A	0x07300404	0x00000000	0x00000000
0x00000003			
0x0000000B	0x00000001	0x00000002	0x00000100
0x00000007			
0x0000000B	0x00000004	0x00000008	0x00000201
0x00000007			
0x0000000C	0x00000000	0x00000000	0x00000000
0x00000000			
0x0000000D	0x0000001F	0x00000440	0x00000440
0x00000000			
0x0000000D	0x0000000F	0x000003C0	0x00000100
0x00000000			
0x0000000D	0x00000100	0x00000240	0x00000000
0x00000000			
0x0000000D	0x00000040	0x000003C0	0x00000000
0x00000000			
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0x00000000			
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0x00000000			
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0x4D542865			
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0x40205550			
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HWMonitor			
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0x00000100			
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0x00000000			
MSR 0x0000001B	0x00000000	0xFEE00800	
MSR 0x0000003A	0x00000000	0x00000005	
MSR 0x000001A0	0x00000000	0x00850089	
MSR 0x00000770	0x00000000	0x00000001	
MSR 0x00000774	0x0000019E	0x9900FF02	
MSR 0x000000CE	0x00080838	0xF1012800	
MSR 0x00000017	0x00040000	0x00000000	
MSR 0x00000035	0x00000000	0x00040008	
MSR 0x000000C1	0x0000FFFF	0xFFC16317	
MSR 0x000000C2	0x00000000	0x00000000	
MSR 0x000000C3	0x00000000	0x00000000	
MSR 0x000000C4	0x00000000	0x00000000	
MSR 0x00000186	0x00000000	0x00000000	
MSR 0x00000187	0x00000000	0x00000000	
MSR 0x000001AD	0x00000000	0x2828282A	
MSR 0x00000194	0x00000000	0x000F0000	
MSR 0x0000019A	0x00000000	0x00000000	
MSR 0x000001A4	0x00000000	0x00000000	
MSR 0x000001B1	0x00000000	0x88450800	
MSR 0x000001FC	0x00000000	0x0038005D	
MSR 0x00000606	0x00000000	0x000A0E03	
MSR 0x00000601	0x00000000	0x80000000	
MSR 0x00000610	0x0042FFFF	0x001DFFFF	
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MSR 0x00000639	0x00000000	0x0731EECC	
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MSR 0x00000614	0x00000000	0x000002F8	
MSR 0x0000019C	0x00000000	0x88450800	
MSR 0x000001A2	0x00000000	0x00641400	
MSR 0x00000198	0x00002401	0x00002500	
MSR 0x00000199	0x00000000	0x00002800	

Storage

```

Drive      0
Device Path
\\?\scsi#disk&ven_&prod_kingston_shss37a#4&e64a158&0&010000#{53f56307-b6bf-11d0-94f2-00a0c91efb8b}
Type       Fixed
Bus Type   11

```

	HWMonitor
Name	KINGSTON SHSS37A240G
Capacity	223.6 GB
SMART Support	Yes
Volume	c:\, 223.1 GBytes (74.0 percent available)

Drive	1
Device Path	\\?\scsi#disk&ven_&prod_st1000dm003-1sb1#4&e64a158&0&000000#{53f56307-b6bf-11d0-94f2-00a0c91efb8b}
Type	Fixed
Bus Type	11
Name	ST1000DM003-1SB10C
Capacity	931.5 GB
SMART Support	Yes
Volume	d:\, 931.4 GBytes (78.0 percent available)

USB Devices

USB Device	Složené zařízení USB, class=0x00, subclass=0x00,
vendor=0x04D9, product=0x1702	
USB Device	Složené zařízení USB, class=0x00, subclass=0x00,
vendor=0x0458, product=0x0185	

Graphic APIs

API	NVIDIA I/O
API	NVIDIA NVAPI

Display Adapters

Display adapter 0	
Name	NVIDIA GeForce GTX 1060 6GB
Board Manufacturer	NVIDIA Corporation
Revision	A1
Codename	GP106
Technology	16 nm
Memory size	6 GB
Memory type	GDDR5
PCI device	bus 1 (0x1), device 0 (0x0), function 0 (0x0)
Vendor ID	0x10DE (0x10DE)
Model ID	0x1C03 (0x1C03)
Performance Level	0

Monitor 0	
Model	L226W (LG Electronics (GoldStar))
ID	GSM566A
Serial	
Manufacturing Date	Week 12, Year 2008

	HWMonitor
Size	23.0 inches
Max Resolution	1680 x 1050 @ 59 Hz
Horizontal Freq. Range	28-83 kHz
Vertical Freq. Range	56-75 Hz
Max Pixel Clock	150 MHz
Gamma Factor	2.2

ACPI

ACPI Tree

```

_GPE
  _L6D
  OSUP
  PGWA
  TBFF
  TSUB
  WSUB
  WWAK
  NTFY
  TFPS
  CNCT
  CLNE
  DRPM
  DMSI
  RSMI
  GNIS
  XTBT
  TINI
  _L69
  _L61
  _L62
  _L66
  _L67
  PRES
  _L6F
  P0L6
  P1L6
  P2L6
  HLVT
_PR_
  CPU0
    CPC1
    CPC2
    XDEP
    HI0_
    HC0_
    HW0_
    HW2_
    _PDC
    _OSC

```

HwMonitor

CPDC
COSC
GCAP
C1TM
C3TM
C6TM
C7TM
CDTM
MWES
AC2V
AC3V
C3ST
C2ST
C1ST
CSTF
_CST
_PPC
_PCT
_PSS
LPSS
TPSS
PSDF
_PSD
HPSD
SPSD
_CPC
CPU1
XDEP
HI1_
HC1_
HW1_
_PDC
_OSC
GCAP
APCT
APPT
HWPT
_PPC
_PCT
_PSS
PSDF
_PSD
HPSD
SPSD
_CPC
_CST
CPU2
XDEP
_PDC
_OSC
GCAP
_PPC

_PCT
_PSS
PSDF
_PSD
HPSD
SPSD
_CPC
_CST
CPU3
XDEP
_PDC
_OSC
GCAP
_PPC
_PCT
_PSS
PSDF
_PSD
HPSD
SPSD
_CPC
_CST
CPU4
XDEP
_PDC
_OSC
GCAP
_PPC
_PCT
_PSS
PSDF
_PSD
HPSD
SPSD
_CPC
_CST
CPU5
XDEP
_PDC
_OSC
GCAP
_PPC
_PCT
_PSS
PSDF
_PSD
HPSD
SPSD
_CPC
_CST
CPU6
XDEP

_PDC
_OSC
GCAP
_PPC
_PCT
_PSS
PSDF
_PSD
HPSD
SPSD
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XDEP
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_OSC
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_PPC
_PCT
_PSS
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_PSD
HPSD
SPSD
_CPC
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APSV
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CPPC
CCTP
CLVL
CBMI
PL10
PL20
PLW0
CTC0
TAR0
PPC0
PL11
PL21
PLW1
CTC1
TAR1
PPC1

HWMonitor

PL12
PL22
PLW2
CTC2
TAR2
PPC2
C3MW
C6MW
C7MW
CDMW
C3LT
C6LT
C7LT
CDLT
CDLV
CDPW
MPMF
DTSE
DTS1
DTS2
DTSF
PDTS
PKGA
DTS3
DTS4
BGMA
BGMS
BGIA
BGIL
DSIA
DSIL
DSAE
EPCS
EMNA
ELNG
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HWP
HWPL
POWS
HDCE
HWPI
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PRSC
PRSD

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AR03
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PR0D
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PR13
AR13

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PM1H
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PM2L
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PM2H
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PM3L
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PM3H

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 TLUD
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 EP_B
 MH_B
 PC_B
 PC_L
 DM_B
 GEPB
 GMHB
 GPCB
 GPCL
 GDMB
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 GUID
 SUPP
 CTRL
 XCNT
 _OSC
 GFX0
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 _DEP
 _DOS
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 _ADR
 _DCS
 _DGS
 _DSS
 DD02
 _ADR
 _DCS


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    _DSS
DD03
    _ADR
    _DCS
    _DGS
    _DSS
DD04
    _ADR
    _DCS
    _DGS
    _DSS
DD05
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    _DCS
    _DGS
    _DSS
DD06
    _ADR
    _DCS
    _DGS
    _DSS
DD07
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    _DSS
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    _DGS
    _DSS
DD0B
    _ADR
    _DCS
    _DGS
    _DSS
DD0C
    _ADR
    _DCS
    _DGS
    _DSS

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DD0D
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 _DCS
 _DGS
 _DSS
DD0E
 _ADR
 _DCS
 _DGS
 _DSS
DD0F
 _ADR
 _DCS
 _DGS
 _DSS
DD1F
 _ADR
 _DCS
 _DGS
 _DSS
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 _BCM
 _BQC
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CDDS
NDDS
DSST
IGDP
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GIVD
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GUMA
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GMFN
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ASLE
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CDVL
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LBPC
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NDL7
NDL8
ASLP
TIDX

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ALSI
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CDCT
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CRIT
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GHDS
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GDCK
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_STA
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PA6H
PA6L
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_PRT
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PDID
_PRW
WKEN
PEGR

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_INI
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    _ON_
    _OFF
_PRØ
_PR2
_PR3
_DSW
PØEW
_SØW
PEG1
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    _PRT
PEGP
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    PDID
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WKEN
PEGR
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PSTS
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GENG

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_S0W
LPCB

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SBBC
SBBD
SBBE
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IOH2
IOL2
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INTR
INTT
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DMCH
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OPT2
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OPT4
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OPT7
OPT8
OPT9
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DSTA

ESTA
DCNT
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IRQM
DMAM
IO11
IO12
LEN1
CRS2
IRQE
DMAE
IO21
IO22
LEN2
IO31
IO32
LEN3
CRS3
IRQT
IRQS
DMAT
IO41
IO42
LEN4
DCRS
DCR2
DCR3
DSRS
DSR2
DSR3
PMFG
SIOS
SIOW
SIOH
LPTE
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_STA
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_SRS
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LPPR
EPPR
PS2K
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_UID
LDN
_CID
_STA
_CRS

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    _PRS
    _PSW
PS2M
    _HID
    _UID
    LDN_
    _CID
    _STA
    CRS1
    CRS2
    _CRS
    _PRS
    _PSW
UAR1
    _HID
    _UID
    LDN_
    _STA
    _DIS
    _CRS
    _SRS
    _PRS
HHMD
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    _UID
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CRID
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IOD1
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  _CRS
HPET
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  _STA
  _CRS
IPIC
  _HID
  _CRS
MATH
  _HID
  _CRS
  _STA
LDRC
  _HID
  _UID
  _CRS
LDR2
  _HID
  _UID
  _CRS
  _STA
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  _CRS
TIMR
  _HID
  _CRS
CWDT
  _HID
  _CID
  BUF0
  _STA
  _CRS
H_EC
  _HID
  _UID
  _STA
B1CC
B1ST
B2CC
B2ST
CFAN
CMDR
DOCK
EJET
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MCAP
PLMX
PECH
PECL
PENV
PINV
PPSH
PPSL
PSTP
RPWR
LIDS
LSTE
SLPC
VPWR
WTMS
AWT2
AWT1
AWT0
DLED
IBT1
ECAV
SPT2
PB10
IWCW
IWCR
ECMD
ECRD
ECWT
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 _HID
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BAT2
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SBNR
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ABPX
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PDCX
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DPGE
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DCAP
DCTR

SPLX
SPLC
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 _PRR
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WRDY
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 _DEP
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BCCX
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LASX
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ABPX
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PDCX
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PDSX
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D3HT
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PMEX
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L23R
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DPGE
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 SPLC
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 _OFF
 _RST
 _PRR
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 WRDD
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WRDS
WIST
_DEP
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SCCX
BCCX
PAHC
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LASX
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L23E

L23R
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LTRV
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 SPLX
 SPLC
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 WRDY
 WRDS
 WIST
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 BCCX
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_PRW

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LDIS
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HPCE
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PSPX
PMEP
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D3HT
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PMEX
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L23E
L23R
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LEDM
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DPGE
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HPSX
PMSX
LTRV

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_DSM
PX SX
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  _PRW
  _RMV
  _DSM
  RPXX
  [ ]
  VDID
  FLDR
  [ ]
  DCAP
  DCTR
  SPLX
  SPLC
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    _STA
    _ON_
    _OFF
    _RST
  _PRR
  WANX
  WAND
  WRDX
  WRDD
  WRDY
  WRDS
  WIST
  _DEP
  PCCX
  [ ]
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  SCCX
  BCCX
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HwMonitor

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HwMonitor

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ODV3

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AG3H
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STX2
STX3
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STX5
STX6
STX7
STX8
STX9
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 _UID
 _STR
 _STA
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 DPLX
 DPLC
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MSFG
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S3
S4
S5
_PTS
_WAK
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PNVL
PNVA
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RPAD
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RPAG
RPAH
RPAI
RPAJ
RPAK
NHLA
NHLL
ADFM
SBRG
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PNLH
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U1C0
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XRPC
XSPC
XSPA
HPTB
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SMD7
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SMD9
SMDA
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SIR6

HwMonitor

SIR7
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ITA3
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ITS1
ITS2
ITS3
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THDA
STRD
THDS
THDH
THDD
SPTH
SPTL
PCHV
PCRR

PCRW
PCRO
PCRA
PCAO
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PMBS
PWRV
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TCBS
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HWMonitor

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PKG3
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EHLA
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FFTB
SXTB
CHUB
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 _STA
 _DSM
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RPTS
RWAK
GETB
PNOT

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GPRW
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GHLE
KCLE
MCLE
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RDMA
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_STA
_ALI
_ALR
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B1SS
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CMDC
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SHAD
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_CID
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_DSM
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IGDS
IBTT
IPAT
IPSC
IBIA
ISSC
IDMS
IF1E
HVCO
GSMI
PAVP
CADL
CSTE
NSTE
NDID
DID1
DID2
DID3
DID4
DID5
DID6

DID7
DID8
DID9
DIDA
DIDB
DIDC
DIDD
DIDE
DIDF
DIDX
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NXD8
NXDX
LIDS
KSV0
KSV1
BRTL
ALSE
ALAF
LLOW
LHIH
ALFP
IMTP
EDPV
SGMD
SGFL
SGGP
HRE0
HRG0
HRA0
PWE0
PWG0
PWA0
P1GP
HRE1
HRG1
HRA1
PWE1
PWG1
PWA1
P2GP
HRE2
HRG2
HRA2
PWE2
PWG2

HwMonitor

PWA2
DLPW
DLHR
EECP
XBAS
GBAS
NVGA
NVHA
AMDA
LTRX
OBFX
LTRY
OBFY
LTRZ
OBFZ
SMSL
SNSL
P0UB
P1UB
P2UB
PCSL
PBGE
M64B
M64L
CPEX
EEC1
EEC2
SBN0
SBN1
SBN2
M32B
M32L
P0WK
P1WK
P2WK
MXD1
MXD2
MXD3
MXD4
MXD5
MXD6
MXD7
MXD8
PXFD
EBAS
DGV5
DGV6
HYSS
SSDT
PDC0
PDC1
PDC2

HWMonitor

PDC3

PDC4

PDC5

PDC6

PDC7

SDTL