

HWiNFO32 v5.30-2880

Creation Time 25.09.2016 12:42

FAMILIENLAPTOP

[Current Computer]

Computer Brand Name: ASUS TX201LA

[Operating System]

Operating System: Microsoft Windows 10 Home Build 10586
UEFI Boot: Present

Central Processor(s)

[CPU Unit Count]

Number Of Processor Packages (Physical): 1
Number Of Processors Cores: 2
Number Of Logical Processors: 4

Intel Core i5-4200U

[General Information]

Processor Name: Intel Core i5-4200U
Original Processor Frequency: 2300.0 MHz
Original Processor Frequency [MHz]: 2300

CPU ID: 00040651
CPU Brand Name: Intel(R) Core(TM) i5-4200U CPU @ 1.60GHz
CPU Vendor: GenuineIntel
CPU Stepping: C0/D0
CPU Code Name: Haswell ULT
CPU S-Spec: SR170/SR1BC
CPU Thermal Design Power (TDP): 15.0 W
CPU Thermal Design Current (TDC): 32.0 A
CPU Power Limits (Max): Power = Unlimited, Time = Unlimited
CPU Power Limit 1 - Long Duration: (15.00 W) (64.00 sec) [Locked]
CPU Power Limit 2 - Short Duration: (19.00 W) (2.44 ms) [Locked]
Configurable TDP Level 1 (Down): 11.50 W (Unlimited range), 800 MHz
Configurable TDP Level 2 (Up): 25.00 W (Unlimited range), 2300 MHz
Current Configurable TDP Level: 2 [Unlocked]
CPU Type: Production Unit
CPU Platform: BGA1168
Microcode Update Revision: 1D

Number of CPU Cores: 2
Number of Logical CPUs: 4

[Operating Points]

CPU MFM (LowPower): 800.0 MHz = 8 x 100.0 MHz
CPU LFM (Minimum): 800.0 MHz = 8 x 100.0 MHz
CPU HFM (Maximum): 2300.0 MHz = 23 x 100.0 MHz
CPU Turbo: 2600.0 MHz = 26 x 100.0 MHz [Unlocked]
CPU Current: 2295.5 MHz = 23 x 99.8 MHz @ 0.8707 V
Uncore Maximum: 2600.0 MHz = 26.00 x 100.0 MHz
Uncore Current: 2595.0 MHz = 26.00 x 99.8 MHz

PCI-Express Current Clock: 99.8 MHz = 1.00 x 99.8 MHz

[IA Overclocking]

Voltage Offset:	Supported
Voltage Override:	Supported
Ratio Overclocking:	Not Supported
Fused Ratio Limit:	26x
Voltage Mode:	Adaptive
Voltage Offset:	0 mV
[GT Overclocking]	
Voltage Offset:	Supported
Voltage Override:	Supported
Ratio Overclocking:	Supported
Fused Ratio Limit:	57x
Voltage Mode:	Adaptive
Voltage Offset:	0 mV
[CLR (CBo/LLC/Ring Overclocking)]	
Voltage Offset:	Supported
Voltage Override:	Supported
Ratio Overclocking:	Not Supported
Fused Ratio Limit:	26x
Voltage Mode:	Adaptive
Voltage Offset:	0 mV
[Uncore Overclocking]	
Voltage Offset:	Supported
Voltage Override:	Not Supported
Ratio Overclocking:	Not Supported
Fused Ratio Limit:	N/A
Voltage Mode:	Adaptive
Voltage Offset:	0 mV
[Analog IO Overclocking]	
Voltage Offset:	Supported
Voltage Override:	Not Supported
Ratio Overclocking:	Not Supported
Fused Ratio Limit:	N/A
Voltage Mode:	Adaptive
Voltage Offset:	0 mV
[Digital IO Overclocking]	
Voltage Offset:	Supported
Voltage Override:	Not Supported
Ratio Overclocking:	Not Supported
Fused Ratio Limit:	N/A
Voltage Mode:	Adaptive
Voltage Offset:	0 mV
[Cache and TLB]	
L1 Cache:	Instruction: 2 x 32 KBytes, Data: 2 x 32 KBytes
L2 Cache:	Integrated: 2 x 256 KBytes
L3 Cache:	3 MBytes
Instruction TLB:	2MB/4MB Pages, Fully associative, 8 entries
Data TLB:	4 KB Pages, 4-way set associative, 64 entries
[Standard Feature Flags]	
FPU on Chip	Present
Enhanced Virtual-86 Mode	Present
I/O Breakpoints	Present
Page Size Extensions	Present
Time Stamp Counter	Present
Pentium-style Model Specific Registers	Present
Physical Address Extension	Present
Machine Check Exception	Present
CMPXCHG8B Instruction	Present
APIC On Chip / PGE (AMD)	Present
Fast System Call	Present
Memory Type Range Registers	Present
Page Global Feature	Present
Machine Check Architecture	Present
CMOV Instruction	Present
Page Attribute Table	Present
36-bit Page Size Extensions	Present
Processor Number	Not Present
CLFLUSH Instruction	Present
Debug Trace and EMON Store	Present
Internal ACPI Support	Present
MMX Technology	Present
Fast FP Save/Restore (IA MMX-2)	Present
Streaming SIMD Extensions	Present

Streaming SIMD Extensions 2	Present
Self-Snoop	Present
Multi-Threading Capable	Present
Automatic Clock Control	Present
IA-64 Processor	Not Present
Signal Break on FERR	Present
Virtual Machine Extensions (VMX)	Present
Safer Mode Extensions (Intel TXT)	Not Present
Streaming SIMD Extensions 3	Present
Supplemental Streaming SIMD Extensions 3	Present
Streaming SIMD Extensions 4.1	Present
Streaming SIMD Extensions 4.2	Present
AVX Support	Present
Fused Multiply Add (FMA)	Present
Carryless Multiplication (PCLMULQDQ)/GFMUL	Present
CMPXCHG16B Support	Present
MOVBE Instruction	Present
POPCNT Instruction	Present
XSAVE/XRSTOR/XSETBV/XGETBV Instructions	Present
XGETBV/XSETBV OS Enabled	Present
Float16 Instructions	Present
AES Cryptography Support	Present
Random Number Read Instruction (RDRAND)	Present
Extended xAPIC	Not Present
MONITOR/MWAIT Support	Present
Thermal Monitor 2	Present
Enhanced SpeedStep Technology	Present
L1 Context ID	Not Present
Send Task Priority Messages Disabling	Present
Processor Context ID	Present
Direct Cache Access	Not Present
TSC-deadline Timer	Present
Performance/Debug Capability MSR	Present
IA32 Debug Interface Support	Present
64-Bit Debug Store	Present
CPL Qualified Debug Store	Present
[Extended Feature Flags]	
64-bit Extensions	Present
RDTSCP and TSC_AUX Support	Present
1 GB large page support	Present
No Execute	Present
SYSCALL/SYSRET Support	Not Present
Bit Manipulation Instructions Set 1	Present
Bit Manipulation Instructions Set 2	Present
Advanced Vector Extensions 2 (AVX2)	Present
Advanced Vector Extensions 512 (AVX-512)	Not Present
AVX-512 Prefetch Instructions	Not Present
AVX-512 Exponential and Reciprocal Instructions	Not Present
AVX-512 Conflict Detection Instructions	Not Present
AVX-512 Doubleword and Quadword Instructions	Not Present
AVX-512 Byte and Word Instructions	Not Present
AVX-512 Vector Length Extensions	Not Present
AVX-512 52-bit Integer FMA Instructions	Not Present
Secure Hash Algorithm (SHA) Extensions	Not Present
Software Guard Extensions (SGX) Support	Not Present
Supervisor Mode Execution Protection (SMEP)	Present
Supervisor Mode Access Prevention (SMAP)	Not Present
Hardware Lock Elision (HLE)	Not Present
Restricted Transactional Memory (RTM)	Not Present
Memory Protection Extensions (MPX)	Not Present
Read/Write FS/GS Base Instructions	Present
Enhanced Performance String Instruction	Present
INVPCID Instruction	Present
RDSEED Instruction	Not Present
Multi-precision Add Carry Instructions (ADX)	Not Present
PCOMMIT Instructions	Not Present
CLFLUSHOPT Instructions	Not Present
CLWB Instructions	Not Present
TSC_THREAD_OFFSET	Present
Platform Quality of Service Monitoring (PQM)	Not Present
Platform Quality of Service Enforcement (PQE)	Not Present
FPU Data Pointer updated only on x87 Exceptions	Not Present
Deprecated FPU CS and FPU DS	Present
Intel Processor Trace	Not Present
PREFETCHWT1 Instruction	Not Present
AVX-512 Vector Bit Manipulation Instructions	Not Present
Protection Keys for User-mode Pages	Not Present
OS Enabled Protection Keys	Not Present

[Enhanced Features]

Thermal Monitor 1:	Supported, Enabled
Thermal Monitor 2:	Supported, Enabled
Enhanced Intel SpeedStep (GV3):	Supported, Enabled
Bi-directional PROCHOT#:	Enabled
Extended Auto-HALT State C1E:	Enabled
MLC Streamer Prefetcher	Supported, Enabled
MLC Spatial Prefetcher	Supported, Enabled
DCU Streamer Prefetcher	Supported, Enabled
DCU IP Prefetcher	Supported, Enabled
Intel Dynamic Acceleration (IDA) Technology:	Not Supported
Intel Dynamic FSB Switching:	Not Supported
Intel Turbo Boost Technology:	Supported, Enabled
Programmable Ratio Limits:	Supported, Disabled
Programmable TDC/TDP Limits:	Supported, Disabled

[CPU SKU Features]

Internal Graphics:	Supported
ECC:	Not Supported
VT-d:	Not Supported
2 DIMMs per Channel:	Not Supported
X2APIC:	Not Supported
Dual Channel:	Supported
BCLK Coarse Ratio Support (PCIe Ratio Change):	Supported
DDR Overclocking:	Supported
Overclocking:	Not Supported
Overclocking:	Disabled
DMI Width:	x4
DMI Gen 2 Mode:	Supported
Camarillo Device:	Supported
Display HD Audio:	Supported
DDR3L:	Supported
Maximum Memory Size per Channel:	16 GB
DDR3 Frequency Support (100 MHz RefClk):	800 MHz (DDR3-1600)
Additive Graphics:	Not Supported
Additive Graphics:	Disabled
PCIe Gen 3:	Not Supported
PCIe x16 Port:	Not Supported
SOFTBIN:	Not Supported

[Memory Ranges]

Maximum Physical Address Size:	39-bit (512 GBytes)
Maximum Virtual Address Size:	48-bit (256 TBytes)

[MTRRs]

Range 0-100000000 (0MB-4096MB) Type:	Write Back (WB)
Range 100000000-120000000 (4096MB-4608MB) Type:	Write Back (WB)
Range E0000000-100000000 (3584MB-4096MB) Type:	Uncacheable (UC)
Range DC000000-E0000000 (3520MB-3584MB) Type:	Uncacheable (UC)
Range DBC00000-DC000000 (3516MB-3520MB) Type:	Uncacheable (UC)
Range 11F800000-120000000 (4600MB-4608MB) Type:	Uncacheable (UC)
Range 11F400000-11F800000 (4596MB-4600MB) Type:	Uncacheable (UC)

Motherboard

[Computer]

Computer Brand Name:	ASUS TX201LA
----------------------	--------------

[Motherboard]

Motherboard Model:	ASUS TX201LA
Motherboard Chipset:	Intel Lynx Point-LP (Premium)
Motherboard Slots:	1xPCI Express x1
PCI Express Version Supported:	v2.0
USB Version Supported:	v3.0

[PCH Features]

SATA Port 3 6 Gb/s:	Supported
SATA Port 2 6 Gb/s:	Supported
SATA Ports 2 and 3:	Supported
RAID Capability:	RAID0/1/5/10 + Smart Response Technology
Intel PCI Express Storage Technology:	Not Supported
USB Redirect (USB ^r):	Supported
PCH PEG/DMI Ratio:	5/5

[BIOS]

BIOS Manufacturer:	American Megatrends Inc.
--------------------	--------------------------

BIOS Date:	02/11/2015
BIOS Version:	TX201LA.216
UEFI BIOS:	Capable
Super-IO/LPC Chip:	Unknown

ACPI Devices

Keyboard Device Filter

Device Name:	Keyboard Device Filter
--------------	------------------------

[Assigned Resources]

I/O Port:	0060
I/O Port:	0000

[Alternative 1]

I/O Port:	0060
I/O Port:	0064
IRQ:	1

ASUS Touchpad

Device Name:	ASUS Touchpad
--------------	---------------

[Assigned Resources]

IRQ:	12
------	----

[Alternative 1]

IRQ:	12
------	----

Legacy device

Device Name:	Legacy device
--------------	---------------

[Assigned Resources]

Memory Location:	FF000000 - FFFFFFFF
------------------	---------------------

[Alternative 1]

Memory Location:	FF000000 - FFFFFFFF
------------------	---------------------

Motherboard resources

Device Name:	Motherboard resources
--------------	-----------------------

[Assigned Resources]

I/O Port:	1854 - 1857
-----------	-------------

[Alternative 1]

I/O Port:	1854 - 1857
-----------	-------------

Programmable interrupt controller

Device Name:	Programmable interrupt controller
--------------	-----------------------------------

[Assigned Resources]

I/O Port:	0020 - 0021
I/O Port:	0030 - 0031
I/O Port:	00A0 - 00A1
I/O Port:	00B0 - 00B1
IRQ:	1114369
IRQ:	1114369
IRQ:	1114369
IRQ:	1114369

[Alternative 1]

I/O Port:	0020 - 0021
I/O Port:	0024 - 0025
I/O Port:	0028 - 0029
I/O Port:	002C - 002D
I/O Port:	0030 - 0031
I/O Port:	0034 - 0035
I/O Port:	0038 - 0039
I/O Port:	003C - 003D
I/O Port:	00A0 - 00A1
I/O Port:	00A4 - 00A5
I/O Port:	00A8 - 00A9
I/O Port:	00AC - 00AD
I/O Port:	00B0 - 00B1
I/O Port:	00B4 - 00B5
I/O Port:	00B8 - 00B9
I/O Port:	00BC - 00BD
I/O Port:	04D0 - 04D1

System timer

Device Name:	System timer
--------------	--------------

[Assigned Resources]

I/O Port:	0040 - 0043
DMA:	0

[Alternative 1]

I/O Port:	0040 - 0043
I/O Port:	0050 - 0053
IRQ:	0

High precision event timer

Device Name:	High precision event timer
--------------	----------------------------

[Assigned Resources]

Memory Location:	FED00000 - FED003FF
------------------	---------------------

[Alternative 1]

Memory Location:	FED00000 - FED003FF
------------------	---------------------

Direct memory access controller

Device Name:	Direct memory access controller
--------------	---------------------------------

[Assigned Resources]

I/O Port:	0000 - 001F
-----------	-------------

[Alternative 1]

I/O Port:	0000 - 001F
I/O Port:	0081 - 0091
I/O Port:	0093 - 009F

I/O Port:	00C0 - 00DF
DMA:	4

PCI Express Root Complex

Device Name:	PCI Express Root Complex
--------------	--------------------------

[Assigned Resources]

I/O Port:	0000 - FFFFFFFF
Memory Location:	000A0000 - 000BFFFF
Memory Location:	000C4000 - 000C3FFF
Memory Location:	000CC000 - 000CFFFF
Memory Location:	000D4000 - 000D3FFF

[Alternative 1]

I/O Port:	0000 - 0CF7
I/O Port:	0D00 - FFFF
Memory Location:	000A0000 - 000BFFFF
Memory Location:	000C0000 - 000C3FFF
Memory Location:	000C4000 - 000C7FFF
Memory Location:	000C8000 - 000CBFFF
Memory Location:	000CC000 - 000CFFFF
Memory Location:	000D0000 - 000D3FFF
Memory Location:	000D4000 - 000D7FFF
Memory Location:	000D8000 - 000DBFFF
Memory Location:	000DC000 - 000DFFFF
Memory Location:	DFE00000 - FEFFFFFF

System CMOS/real time clock

Device Name:	System CMOS/real time clock
--------------	-----------------------------

[Assigned Resources]

I/O Port:	0070 - 0077
-----------	-------------

[Alternative 1]

I/O Port:	0070 - 0077
IRQ:	8

System board

Device Name:	System board
--------------	--------------

[Assigned Resources]

Memory Location:	FED40000 - FED44FFF
------------------	---------------------

[Alternative 1]

Memory Location:	FED40000 - FED44FFF
------------------	---------------------

Motherboard resources

Device Name:	Motherboard resources
--------------	-----------------------

[Assigned Resources]

Memory Location:	FED1C000 - FED1FFFF
Memory Location:	F8000000 - FBFFFFFF
Memory Location:	FF000000 - FFFFFFFF

[Alternative 1]

Memory Location:	FED1C000 - FED1FFFF
Memory Location:	FED10000 - FED17FFF

Memory Location:	FED18000 - FED18FFF
Memory Location:	FED19000 - FED19FFF
Memory Location:	F8000000 - FBFFFFFF
Memory Location:	FED20000 - FED3FFFF
Memory Location:	FED90000 - FED93FFF
Memory Location:	FED45000 - FED8FFFF
Memory Location:	FF000000 - FFFFFFFF
Memory Location:	FEE00000 - FEEFFFFFF
Memory Location:	F7FDF000 - F7FDFFFF
Memory Location:	F7FE0000 - F7FEFFFF

Motherboard resources

Device Name:	Motherboard resources
--------------	-----------------------

[Assigned Resources]

I/O Port:	0010 - 001F
I/O Port:	0080
I/O Port:	0090 - 009F
Memory Location:	00000000 - 00000087

[Alternative 1]

I/O Port:	0010 - 001F
I/O Port:	0022 - 003F
I/O Port:	0044 - 005F
I/O Port:	0072 - 007F
I/O Port:	0080
I/O Port:	0084 - 0086
I/O Port:	0088
I/O Port:	008C - 008E
I/O Port:	0090 - 009F
I/O Port:	00A2 - 00BF
I/O Port:	00E0 - 00EF
I/O Port:	04D0 - 04D1

Motherboard resources

Device Name:	Motherboard resources
--------------	-----------------------

[Assigned Resources]

I/O Port:	0240 - 0259
-----------	-------------

[Alternative 1]

I/O Port:	0240 - 0259
-----------	-------------

Motherboard resources

Device Name:	Motherboard resources
--------------	-----------------------

[Assigned Resources]

I/O Port:	002E - 002F
I/O Port:	0065
I/O Port:	0000 - 006F
I/O Port:	0092
I/O Port:	FFFF
I/O Port:	0000 - 1BFF
IRQ:	1114369
IRQ:	1114369

[Alternative 1]

I/O Port:	002E - 002F
I/O Port:	004E - 004F
I/O Port:	0061

I/O Port:	0063
I/O Port:	0065
I/O Port:	0067
I/O Port:	0070
I/O Port:	0080
I/O Port:	0092
I/O Port:	00B2 - 00B3
I/O Port:	0680 - 069F
I/O Port:	FFFF
I/O Port:	FFFF
I/O Port:	FFFF
I/O Port:	1C00 - 1CFE
I/O Port:	1D00 - 1DFE
I/O Port:	1E00 - 1EFE
I/O Port:	1F00 - 1FFE
I/O Port:	1800 - 18FE
I/O Port:	164E - 164F

Microsoft ACPI-Compliant Embedded Controller

Device Name: Microsoft ACPI-Compliant Embedded Controller

[Assigned Resources]

I/O Port: 0062

[Alternative 1]

I/O Port: 0062

I/O Port: 0066

SMBIOS DMI

BIOS

BIOS Vendor:	American Megatrends Inc.
BIOS Version:	TX201LA.216
BIOS Release Date:	02/11/2015
BIOS Start Segment:	F000
BIOS Size:	6144 KBytes

System BIOS Version: 4.6

ISA Support:	Not Present
MCA Support:	Not Present
EISA Support:	Not Present
PCI Support:	Present
PC Card (PCMCIA) Support:	Not Present
Plug-and-Play Support:	Not Present
APM Support:	Not Present
Flash BIOS:	Present
BIOS Shadow:	Present
VL-VESA Support:	Not Present
ESCD Support:	Not Present
Boot from CD:	Present
Selectable Boot:	Present
BIOS ROM Socketed:	Present
Boot from PC Card:	Not Present
EDD Support:	Present
NEC PC-98 Support:	Not Present
ACPI Support:	Present
USB Legacy Support:	Present

AGP Support:	Not Present
I2O Boot Support:	Not Present
LS-120 Boot Support:	Not Present
ATAPI ZIP Drive Boot Support:	Not Present
IEE1394 Boot Support:	Not Present
Smart Battery Support:	Present
BIOS Boot Specification Support:	Present
Function key-initiated Network Service Boot Support:	Not Present
Targeted Content Distribution Support:	Present
UEFI Specification Support:	Present

System

System Manufacturer:	ASUSTeK COMPUTER INC.
Product Name:	TX201LA
Product Version:	1.0
Product Serial Number:	DBN0CY37719846D
UUID:	{0002F320-0EC0-392E-EDDBC0E-BCEE7B05C0E6}
SKU Number:	ASUS-NotebookSKU
Family:	TX

Mainboard

Mainboard Manufacturer:	ASUSTeK COMPUTER INC.
Mainboard Name:	TX201LA
Mainboard Version:	1.0
Mainboard Serial Number:	BSN12345678901234567
Asset Tag:	ATN12345678901234567
Location in chassis:	MIDDLE

System Enclosure

Manufacturer:	ASUSTeK COMPUTER INC.
Case Type:	Notebook
Version:	1.0
Serial Number:	DBN0CY37719846D
Asset Tag Number:	No Asset Tag

On Board Device

Device Description:	VGA
Device Type:	Video Adapter
Device Status:	Enabled
Device Description:	GLAN
Device Type:	Ethernet Adapter
Device Status:	Enabled
Device Description:	WLAN
Device Type:	Ethernet Adapter
Device Status:	Enabled
Device Description:	Audio CODEC
Device Type:	Audio Device
Device Status:	Enabled
Device Description:	SATA Controller
Device Type:	SATA Controller
Device Status:	Enabled
Device Description:	USB 2.0 Controller

Device Type:	Unknown
Device Status:	Enabled
Device Description:	USB 3.0 Controller
Device Type:	Unknown
Device Status:	Enabled
Device Description:	SMBus Controller
Device Type:	Unknown
Device Status:	Enabled
Device Description:	Card Reader
Device Type:	Unknown
Device Status:	Enabled
Device Description:	Cmos Camera
Device Type:	Unknown
Device Status:	Enabled
Device Description:	Bluetooth
Device Type:	Unknown
Device Status:	Enabled

OEM Strings

VhmtaHEtd4Ung
X571qzQgGvDkD
suU87B34vOx+h
90NB03I1-M01510

System Configuration Options

DSN:2S11XNGA547907 K
DSN:6E0C50B7EECB
DSN:BCEE7B05C0E6
SMI:00B2CA

System Boot Information

Boot Status:	No error occurred
--------------	-------------------

Processor

Processor Manufacturer:	Intel
Processor Version:	Intel(R) Core(TM) i5-4200U CPU @ 1.60GHz
External Clock:	100 MHz
Maximum Clock Supported:	3800 MHz
Current Clock:	1600 MHz
CPU Socket:	Populated
CPU Status:	Enabled
Processor Type:	Central Processor
Processor Voltage:	1.2 V
Processor Upgrade:	Socket rPGA988B
Socket Designation:	SOCKET 0

CPU Internal L2

Socket Designation:	CPU Internal L2
Cache State:	Enabled
Cache Type:	Internal, Unified
Cache Scheme:	Write-Back
Supported SRAM Type:	
Current SRAM Type:	
Cache Speed:	Unknown
Error Correction Type:	Single-bit ECC
Maximum Cache Size:	512 KBytes
Installed Cache Size:	512 KBytes
Cache Associativity:	8-way Set-Associative

CPU Internal L1

Socket Designation:	CPU Internal L1
Cache State:	Enabled
Cache Type:	Internal
Cache Scheme:	Write-Back
Supported SRAM Type:	
Current SRAM Type:	
Cache Speed:	Unknown
Error Correction Type:	Single-bit ECC
Maximum Cache Size:	128 KBytes
Installed Cache Size:	128 KBytes
Cache Associativity:	8-way Set-Associative

CPU Internal L3

Socket Designation:	CPU Internal L3
Cache State:	Enabled
Cache Type:	Internal, Unified
Cache Scheme:	Write-Back
Supported SRAM Type:	
Current SRAM Type:	
Cache Speed:	Unknown
Error Correction Type:	Single-bit ECC
Maximum Cache Size:	3072 KBytes
Installed Cache Size:	3072 KBytes
Cache Associativity:	12-way Set-Associative

Intel vPro

CPU VT-x Support:	Supported
CPU VT-x Status:	Enabled
CPU VT-x2 Support:	Not Supported
CPU VT-x2 Status:	Disabled
CPU TXT Support:	Not Supported
CPU TXT Status:	Disabled
CPU VMX Status:	Enabled
CPU SMX Status:	Disabled
Intel ME Status:	Enabled
Intel OST Firmware Support:	Not Supported
Intel ASF Firmware Support:	Not Supported
Intel AMT Pro Firmware Support:	Not Supported
Intel AMT Basic Firmware Support:	Not Supported
Intel TPM Firmware Support:	Not Supported
Intel Castle Peak Support:	Not Supported
Intel WoX Support:	Not Supported
Intel Virtualization Engine Support:	Not Supported
Intel Anti-Theft Technology Support:	Not Supported
TPM On-board:	Not Supported
Intel Anti-Theft Technology Enrolled:	Not Supported

Intel ME Version:	v9.5, Build 1730, Hotfix 15
BIOS VT-x Support:	Not Supported
BIOS VT-d Support:	Supported
BIOS TXT Support:	Supported
BIOS TPM Support:	Not Supported
BIOS ME Support:	Not Supported
BIOS VA Extensions Support:	Supported
Intel AT PBA For Recovery Support:	Supported
Intel AT WWAN Support:	Not Supported

BIOS Language

en|US|iso8859-1 <Active>

Memory Devices

Physical Memory Array

Array Location:	System board
Array Use:	System memory
Error Detecting Method:	None
Memory Capacity:	32 GBytes
Memory Devices:	4

Memory Device

Total Width:	64 bits
Data Width:	64 bits
Device Size:	2048 MBytes
Device Form Factor:	SODIMM
Device Locator:	ChannelA-DIMM0
Bank Locator:	BANK 0
Device Type:	DDR3 SDRAM
Device Type Detail:	Synchronous
Memory Speed:	1600 MHz
Manufacturer:	Hynix/Hyundai
Serial Number:	00000000
Part Number:	
Asset Tag:	9876543210

Memory Device Mapped Address

Starting Address:	00000000
Ending Address:	001FFFFF
Partition Row Position:	Unknown
Interleave Position:	Unknown
Interleave Data Depth:	Unknown

Memory Device

Total Width:	0 bits
Data Width:	0 bits
Device Size:	0 MBytes
Device Form Factor:	DIMM
Device Locator:	ChannelA-DIMM1

Bank Locator:	BANK 1
Device Type:	Unknown
Device Type Detail:	
Manufacturer:	[Empty]
Serial Number:	[Empty]
Part Number:	[Empty]
Asset Tag:	9876543210

Memory Device

Total Width:	64 bits
Data Width:	64 bits
Device Size:	2048 MBytes
Device Form Factor:	SODIMM
Device Locator:	ChannelB-DIMM0
Bank Locator:	BANK 2
Device Type:	DDR3 SDRAM
Device Type Detail:	Synchronous
Memory Speed:	1600 MHz
Manufacturer:	Hynix/Hyundai
Serial Number:	00000000
Part Number:	
Asset Tag:	9876543210

Memory Device Mapped Address

Starting Address:	00200000
Ending Address:	003FFFFF
Partition Row Position:	Unknown
Interleave Position:	Unknown
Interleave Data Depth:	Unknown

Memory Device

Total Width:	0 bits
Data Width:	0 bits
Device Size:	0 MBytes
Device Form Factor:	DIMM
Device Locator:	ChannelB-DIMM1
Bank Locator:	BANK 3
Device Type:	Unknown
Device Type Detail:	
Manufacturer:	[Empty]
Serial Number:	[Empty]
Part Number:	[Empty]
Asset Tag:	9876543210

Memory Array Mapped Address

Starting Address:	00000000
Ending Address:	003FFFFF
Partition Width:	4

Bus

PCI Bus #0

Intel Haswell-MB ULT - Host Bridge/DRAM Controller [C0/D0]

[General Information]

Device Name:	Intel Haswell-MB ULT - Host Bridge/DRAM Controller [C0/D0]
Original Device Name:	Intel Haswell-MB ULT - Host Bridge/DRAM Controller [C0/D0]
Device Class:	Host-to-PCI Bridge
Revision ID:	9
Bus Number:	0
Device Number:	0
Function Number:	0
PCI Latency Timer:	0
Hardware ID:	PCI\VEN_8086&DEV_0A04&SUBSYS_142D1043&REV_09

[System Resources]

Interrupt Line:	N/A
Interrupt Pin:	N/A

[Features]

Bus Mastering:	Enabled
Running At 66 MHz:	Not Capable
Fast Back-to-Back Transactions:	Capable

[Driver Information]

Driver Manufacturer:	(Standardsystemgeräte)
Driver Description:	PCI Standard-Host-CPU-Brücke
Driver Provider:	Microsoft
Driver Version:	10.0.10586.0
Driver Date:	21-Jun-2006
DeviceInstanceId	PCI\VEN_8086&DEV_0A04&SUBSYS_142D1043&REV_09\3&11583659&0&00

Intel Haswell-MB ULT GT2 - Integrated Graphics Controller [C0/D0]

[General Information]

Device Name:	Intel Haswell-MB ULT GT2 - Integrated Graphics Controller [C0/D0]
Original Device Name:	Intel Haswell-MB ULT GT2 - Integrated Graphics Controller [C0/D0]
Device Class:	VGA Compatible Adapter
Revision ID:	9
Bus Number:	0
Device Number:	2
Function Number:	0
PCI Latency Timer:	0
Hardware ID:	PCI\VEN_8086&DEV_0A16&SUBSYS_142D1043&REV_09

[System Resources]

Interrupt Line:	N/A
Interrupt Pin:	INTA#
Memory Base Address 0	F7800000
Memory Base Address 2	E0000000
I/O Base Address 4	F000

[Features]

Bus Mastering:	Enabled
Running At 66 MHz:	Not Capable
Fast Back-to-Back Transactions:	Capable

[Driver Information]

Driver Manufacturer:	Intel Corporation
Driver Description:	Intel(R) HD Graphics Family
Driver Provider:	Intel Corporation
Driver Version:	20.19.15.4380
Driver Date:	02-Feb-2016
DeviceInstanceId	PCI\VEN_8086&DEV_0A16&SUBSYS_142D1043&REV_09\3&11583659&0&10

Intel Haswell-MB ULT - Mini HD Audio Controller [C0/D0]

[General Information]

Device Name:	Intel Haswell-MB ULT - Mini HD Audio Controller [C0/D0]
Original Device Name:	Intel Haswell-MB ULT - Mini HD Audio Controller [C0/D0]
Device Class:	Mixed mode device
Revision ID:	9
Bus Number:	0
Device Number:	3
Function Number:	0
PCI Latency Timer:	0
Hardware ID:	PCI\VEN_8086&DEV_0A0C&SUBSYS_20108086&REV_09

[PCI Express]

Version:	1.1
Current Link Width:	Not negotiated
Device/Port Type:	Root Complex Integrated Endpoint
Slot Implemented:	No
Active State Power Management (ASPM) Support:	None
Active State Power Management (ASPM) Status:	Disabled

[System Resources]

Interrupt Line:	N/A
Interrupt Pin:	INTA#
Memory Base Address 0	F7D1C000

[Features]

Bus Mastering:	Enabled
Running At 66 MHz:	Not Capable
Fast Back-to-Back Transactions:	Not Capable

[Driver Information]

Driver Manufacturer:	Microsoft
Driver Description:	High Definition Audio-Controller
Driver Provider:	Microsoft
Driver Version:	10.0.10586.0
Driver Date:	29-Oct-2015
DeviceInstanceId	PCI\VEN_8086&DEV_0A0C&SUBSYS_20108086&REV_09\3&11583659&0&18

Intel, Device ID: 0A03**[General Information]**

Device Name:	Intel, Device ID: 0A03
Original Device Name:	Intel, Device ID: 0A03
Device Class:	Unknown Data Acquisition/Signal Processing Controller
Revision ID:	9
Bus Number:	0
Device Number:	4
Function Number:	0
PCI Latency Timer:	0
Hardware ID:	PCI\VEN_8086&DEV_0A03&SUBSYS_20108086&REV_09

[System Resources]

Interrupt Line:	IRQ16
Interrupt Pin:	INTA#
Memory Base Address 0	F7D10000

[Features]

Bus Mastering:	Enabled
Running At 66 MHz:	Not Capable
Fast Back-to-Back Transactions:	Capable

[Driver Information]

Driver Manufacturer:	Intel
Driver Description:	Intel(R) Dynamic Platform and Thermal Framework Processor Participant
Driver Provider:	Intel
Driver Version:	8.1.10603.192
Driver Date:	07-Aug-2015
DeviceInstanceId	PCI\VEN_8086&DEV_0A03&SUBSYS_20108086&REV_09\3&11583659&0&20

Intel Lynx Point-LP - USB 3.0 xHCI Host Controller [B2]

[General Information]

Device Name:	Intel Lynx Point-LP - USB 3.0 xHCI Host Controller [B2]
Original Device Name:	Intel Lynx Point-LP - USB 3.0 xHCI Host Controller [B2]
Device Class:	USB xHCI Controller
Revision ID:	4
Bus Number:	0
Device Number:	20
Function Number:	0
PCI Latency Timer:	0
Hardware ID:	PCI\VEN_8086&DEV_9C31&SUBSYS_201F1043&REV_04

[System Resources]

Interrupt Line:	N/A
Interrupt Pin:	INTA#
Memory Base Address 0	F7D00000

[Features]

Bus Mastering:	Enabled
Running At 66 MHz:	Not Capable
Fast Back-to-Back Transactions:	Capable
USB Version Supported:	3.0

[Driver Information]

Driver Manufacturer:	Generischer USB-xHCI-Hostcontroller
Driver Description:	USB-xHCI-kompatibler Hostcontroller
Driver Provider:	Microsoft
Driver Version:	10.0.10586.212
Driver Date:	28-Mar-2016
DeviceInstanceId	PCI\VEN_8086&DEV_9C31&SUBSYS_201F1043&REV_04\3&11583659&0&A0

USB Root Hub

[Port1] : USB Hub

[Port1] : No Device Connected

[Port2] : No Device Connected

[Port3] : No Device Connected

[Port4] : No Device Connected

[Port2] : USB-Verbundgerät

[Device Information]

Device Manufacturer:	Logitech
Product Name:	USB Receiver
Serial Number:	N/A
USB Version Supported:	2.00
USB Device Speed:	USB 1.1 Full-speed
Driver Description:	USB-Verbundgerät
Hardware ID:	USB\VID_046D&PID_C52B

[Driver Information]

Driver Manufacturer:	(Standard-USB-Hostcontroller)
Driver Description:	USB-Verbundgerät
Driver Provider:	Microsoft
Driver Version:	10.0.10586.0
Driver Date:	21-Jun-2006
DeviceInstanceId	USB\VID_046D&PID_C52B\5&388DB30C&0&2

[Port3] : No Device Connected

[Port4] : Realtek Bluetooth 4.0 Adapter

[Device Information]

Device Manufacturer:	
Product Name:	
Serial Number:	
USB Version Supported:	3.00 (Connected to a USB 2.00 Port)
USB Device Speed:	USB 1.1 Full-speed
Driver Description:	Realtek Bluetooth 4.0 Adapter
Hardware ID:	USB\VID_13D3&PID_3414

[Driver Information]

Driver Manufacturer:	Realtek Semiconductor Corp.
Driver Description:	Realtek Bluetooth 4.0 Adapter
Driver Provider:	Realtek Semiconductor Corp.
Driver Version:	1.3.868.3
Driver Date:	11-Jun-2015
DeviceInstanceId	USB\VID_13D3&PID_3414\00E04C000001

[Port5] : USB-Verbundgerät

[Device Information]

Device Manufacturer:	
Product Name:	
Serial Number:	
USB Version Supported:	2.00
USB Device Speed:	USB 1.1 Full-speed
Driver Description:	USB-Verbundgerät
Hardware ID:	USB\VID_03EB&PID_8C0C

[Driver Information]

Driver Manufacturer:	(Standard-USB-Hostcontroller)
Driver Description:	USB-Verbundgerät
Driver Provider:	Microsoft
Driver Version:	10.0.10586.0
Driver Date:	21-Jun-2006
DeviceInstanceId	USB\VID_03EB&PID_8C0C\5&388DB30C&0&5

[Port6] : USB-Verbundgerät

[Device Information]

Device Manufacturer:	Android
Product Name:	Android
Serial Number:	DBN0CY37719846D
USB Version Supported:	2.00
USB Device Speed:	USB 2.0 High-speed
Driver Description:	USB-Verbundgerät
Hardware ID:	USB\VID_0B05&PID_561F

[Driver Information]

Driver Manufacturer:	(Standard-USB-Hostcontroller)
Driver Description:	USB-Verbundgerät
Driver Provider:	Microsoft
Driver Version:	10.0.10586.0
Driver Date:	21-Jun-2006
DeviceInstanceId	USB\VID_0B05&PID_561F\DBN0CY37719846D

[Port7] : USB-Verbundgerät

[Device Information]

Device Manufacturer:	
Product Name:	
Serial Number:	
USB Version Supported:	2.00
USB Device Speed:	USB 2.0 High-speed
Driver Description:	USB-Verbundgerät
Hardware ID:	USB\VID_04F2&PID_B3FF

[Driver Information]

Driver Manufacturer:	(Standard-USB-Hostcontroller)
Driver Description:	USB-Verbundgerät
Driver Provider:	Microsoft
Driver Version:	10.0.10586.0
Driver Date:	21-Jun-2006
DeviceInstanceId	USB\VID_04F2&PID_B3FF\0X0001

[Port8] : No Device Connected

[Port9] : No Device Connected

[Port10] : USB Hub

[Port1] : No Device Connected

[Port2] : No Device Connected

[Port3] : No Device Connected

[Port4] : No Device Connected

[Port11] : No Device Connected

[Port12] : No Device Connected

[Port13] : No Device Connected

Intel Lynx Point-LP - Host Embedded Controller Interface 1 (HECI1) [B2]

[General Information]

Device Name:	Intel Lynx Point-LP - Host Embedded Controller Interface 1 (HECI1) [B2]
Original Device Name:	Intel Lynx Point-LP - Host Embedded Controller Interface 1 (HECI1) [B2]
Device Class:	Unknown Communication Device
Revision ID:	4
Bus Number:	0
Device Number:	22
Function Number:	0
PCI Latency Timer:	0
Hardware ID:	PCI\VEN_8086&DEV_9C3A&SUBSYS_142D1043&REV_04

[System Resources]

Interrupt Line:	N/A
Interrupt Pin:	INTA#
Memory Base Address 0	F7D24000

[Features]

Bus Mastering:	Enabled
Running At 66 MHz:	Not Capable
Fast Back-to-Back Transactions:	Not Capable

[Driver Information]

Driver Manufacturer:	Intel
Driver Description:	Intel(R) Management Engine Interface
Driver Provider:	Intel
Driver Version:	9.5.15.1730
Driver Date:	05-Sep-2013
DeviceInstanceId	PCI\VEN_8086&DEV_9C3A&SUBSYS_142D1043&REV_04\3&11583659&0&B0

Intel Lynx Point-LP - High Definition Audio Controller [B2]

[General Information]

Device Name:	Intel Lynx Point-LP - High Definition Audio Controller [B2]
Original Device Name:	Intel Lynx Point-LP - High Definition Audio Controller [B2]
Device Class:	Mixed mode device
Revision ID:	4
Bus Number:	0
Device Number:	27
Function Number:	0
PCI Latency Timer:	0
Hardware ID:	PCI\VEN_8086&DEV_9C20&SUBSYS_142D1043&REV_04

[PCI Express]

Version:	1.1
Current Link Width:	Not negotiated

Device/Port Type:	Root Complex Integrated Endpoint
Slot Implemented:	No
Active State Power Management (ASPM) Support:	None
Active State Power Management (ASPM) Status:	Disabled

[System Resources]

Interrupt Line:	IRQ22
Interrupt Pin:	INTA#
Memory Base Address 0	F7D18000

[Features]

Bus Mastering:	Enabled
Running At 66 MHz:	Not Capable
Fast Back-to-Back Transactions:	Not Capable

[Driver Information]

Driver Manufacturer:	Microsoft
Driver Description:	High Definition Audio-Controller
Driver Provider:	Microsoft
Driver Version:	10.0.10586.0
Driver Date:	29-Oct-2015
DeviceInstanceId	PCI\VEN_8086&DEV_9C20&SUBSYS_142D1043&REV_04\3&11583659&0&D8

Intel Lynx Point-LP - PCI Express Root Port #1

[General Information]

Device Name:	Intel Lynx Point-LP - PCI Express Root Port #1
Original Device Name:	Intel Lynx Point-LP - PCI Express Root Port #1
Device Class:	PCI-to-PCI Bridge
Revision ID:	E4
Bus Number:	0
Device Number:	28
Function Number:	0
PCI Latency Timer:	0
Hardware ID:	PCI\VEN_8086&DEV_9C10&SUBSYS_00000000&REV_E4

[PCI Express]

Version:	2.0
Maximum Link Width:	1x
Current Link Width:	Not negotiated
Maximum Link Speed:	5.0 GT/s
Current Link Speed:	2.5 GT/s
Device/Port Type:	Root Port of PCI Express Root Complex
Slot Implemented:	No
Active State Power Management (ASPM) Support:	L0s and L1
Active State Power Management (ASPM) Status:	L0s and L1 Entry

[System Resources]

Interrupt Line:	N/A
Interrupt Pin:	INTA#

[Features]

Bus Mastering:	Enabled
Running At 66 MHz:	Not Capable
Fast Back-to-Back Transactions:	Not Capable

[Driver Information]

Driver Manufacturer:	Intel
Driver Description:	Intel(R) 8 Series PCI Express Root Port #1 - 9C10
Driver Provider:	Intel
Driver Version:	9.4.0.1017
Driver Date:	25-Feb-2013
DeviceInstanceId	PCI\VEN_8086&DEV_9C10&SUBSYS_142D1043&REV_E4\3&11583659&0&E0

PCI Express x1 Bus #1

Intel Lynx Point-LP - PCI Express Root Port #4

[General Information]

Device Name:	Intel Lynx Point-LP - PCI Express Root Port #4
Original Device Name:	Intel Lynx Point-LP - PCI Express Root Port #4
Device Class:	PCI-to-PCI Bridge
Revision ID:	E4
Bus Number:	0
Device Number:	28
Function Number:	3
PCI Latency Timer:	0
Hardware ID:	PCI\VEN_8086&DEV_9C16&SUBSYS_00000000&REV_E4

[PCI Express]

Version:	2.0
Maximum Link Width:	1x
Current Link Width:	1x
Maximum Link Speed:	5.0 GT/s
Current Link Speed:	2.5 GT/s
Device/Port Type:	Root Port of PCI Express Root Complex
Slot Implemented:	Yes
Hot-Plug:	Not Capable
Hot-Plug Surprise:	Not Capable
Slot Power Limit:	10.000 W
Active State Power Management (ASPM) Support:	L0s and L1
Active State Power Management (ASPM) Status:	L0s and L1 Entry

[System Resources]

Interrupt Line:	N/A
Interrupt Pin:	INTD#

[Features]

Bus Mastering:	Enabled
Running At 66 MHz:	Not Capable
Fast Back-to-Back Transactions:	Not Capable

[Driver Information]

Driver Manufacturer:	Intel
Driver Description:	Intel(R) 8 Series PCI Express Root Port #4 - 9C16
Driver Provider:	Intel
Driver Version:	9.4.0.1017
Driver Date:	25-Feb-2013
DeviceInstanceId	PCI\VEN_8086&DEV_9C16&SUBSYS_142D1043&REV_E4\3&11583659&0&E3

PCI Express x1 Bus #2

RealTek Semiconductor RTL8821AE Wireless LAN 802.11ac PCI-E NIC

[General Information]

Device Name:	RealTek Semiconductor RTL8821AE Wireless LAN 802.11ac PCI-E NIC
Original Device Name:	RealTek Semiconductor RTL8821AE Wireless LAN 802.11ac PCI-E NIC
Device Class:	Unknown Network Adapter
Revision ID:	0
Bus Number:	2
Device Number:	0
Function Number:	0
PCI Latency Timer:	0
Hardware ID:	PCI\VEN_10EC&DEV_8821&SUBSYS_21611A3B&REV_00

[PCI Express]

Version:	1.1
Maximum Link Width:	1x
Current Link Width:	1x
Maximum Link Speed:	2.5 GT/s

Current Link Speed:	2.5 GT/s
Device/Port Type:	PCI Express Endpoint
Slot Implemented:	No
Active State Power Management (ASPM) Support:	L0s and L1
Active State Power Management (ASPM) Status:	L0s and L1 Entry

[System Resources]

Interrupt Line:	N/A
Interrupt Pin:	INTA#
I/O Base Address 0	E000
Memory Base Address 2	F7C00000

[Features]

Bus Mastering:	Enabled
Running At 66 MHz:	Not Capable
Fast Back-to-Back Transactions:	Not Capable

[Driver Information]

Driver Manufacturer:	Realtek Semiconductor Corp.
Driver Description:	Realtek 8821AE Wireless LAN 802.11ac PCI-E NIC
Driver Provider:	Realtek Semiconductor Corp.
Driver Version:	2023.4.720.2015
Driver Date:	20-Jul-2015
DeviceInstanceId	PCI\VEN_10EC&DEV_8821&SUBSYS_21611A3B&REV_00\4&1334C8B1&0&00E3

Intel Lynx Point-LP (Premium) - LPC Controller [B2]

[General Information]

Device Name:	Intel Lynx Point-LP (Premium) - LPC Controller [B2]
Original Device Name:	Intel Lynx Point-LP (Premium) - LPC Controller [B2]
Device Class:	PCI-to-ISA Bridge
Revision ID:	4
Bus Number:	0
Device Number:	31
Function Number:	0
PCI Latency Timer:	0
Hardware ID:	PCI\VEN_8086&DEV_9C43&SUBSYS_142D1043&REV_04

[System Resources]

Interrupt Line:	N/A
Interrupt Pin:	N/A

[Features]

Bus Mastering:	Enabled
Running At 66 MHz:	Not Capable
Fast Back-to-Back Transactions:	Not Capable

[Driver Information]

Driver Manufacturer:	Intel
Driver Description:	Intel(R) 8 Series LPC Controller (Premium SKU) - 9C43
Driver Provider:	Intel
Driver Version:	9.4.0.1017
Driver Date:	25-Feb-2013
DeviceInstanceId	PCI\VEN_8086&DEV_9C43&SUBSYS_142D1043&REV_04\3&11583659&0&F8

Intel Lynx Point-LP - SATA AHCI Controller [B2]

[General Information]

Device Name:	Intel Lynx Point-LP - SATA AHCI Controller [B2]
Original Device Name:	Intel Lynx Point-LP - SATA AHCI Controller [B2]
Device Class:	SATA AHCI Controller
Revision ID:	4
Bus Number:	0
Device Number:	31
Function Number:	2
PCI Latency Timer:	0
Hardware ID:	PCI\VEN_8086&DEV_9C03&SUBSYS_142D1043&REV_04

[System Resources]

Interrupt Line:	N/A
Interrupt Pin:	INTB#
I/O Base Address 0	F0B0
I/O Base Address 1	F0A0
I/O Base Address 2	F090
I/O Base Address 3	F080
I/O Base Address 4	F060
Memory Base Address 5	F7D22000

[Features]

Bus Mastering:	Enabled
Running At 66 MHz:	Capable
Fast Back-to-Back Transactions:	Capable

[SATA Host Controller]**[SATA Port#0]****[Driver Information]**

Driver Manufacturer:	Intel Corporation
Driver Description:	Intel(R) 8 Series Chipset Family SATA AHCI Controller
Driver Provider:	Intel Corporation
Driver Version:	12.7.0.1036
Driver Date:	27-Jun-2013
DeviceInstanceId	PCI\VEN_8086&DEV_9C03&SUBSYS_142D1043&REV_04\3&11583659&0&FA

Intel Lynx Point-LP - SMBus Controller [B2]

[General Information]

Device Name:	Intel Lynx Point-LP - SMBus Controller [B2]
Original Device Name:	Intel Lynx Point-LP - SMBus Controller [B2]
Device Class:	SMBus (System Management Bus)
Revision ID:	4
Bus Number:	0
Device Number:	31
Function Number:	3
PCI Latency Timer:	0
Hardware ID:	PCI\VEN_8086&DEV_9C22&SUBSYS_142D1043&REV_04

[System Resources]

Interrupt Line:	N/A
Interrupt Pin:	INTC#
Memory Base Address 0	F7D21000
I/O Base Address 4	F040

[Features]

Bus Mastering:	Disabled
Running At 66 MHz:	Not Capable
Fast Back-to-Back Transactions:	Capable

[Driver Information]

Driver Manufacturer:	Intel
Driver Description:	Intel(R) 8 Series SMBus Controller - 9C22
Driver Provider:	Intel
Driver Version:	9.4.0.1017
Driver Date:	25-Feb-2013
DeviceInstanceId	PCI\VEN_8086&DEV_9C22&SUBSYS_142D1043&REV_04\3&11583659&0&FB

Intel Lynx Point-LP - Thermal Controller [B2]

[General Information]

Device Name:	Intel Lynx Point-LP - Thermal Controller [B2]
Original Device Name:	Intel Lynx Point-LP - Thermal Controller [B2]
Device Class:	Unknown Data Acquisition/Signal Processing Controller
Revision ID:	4
Bus Number:	0

Device Number:	31
Function Number:	6
PCI Latency Timer:	0
Hardware ID:	PCI\VEN_8086&DEV_9C24&SUBSYS_142D1043&REV_04

[System Resources]

Interrupt Line:	N/A
Interrupt Pin:	INTC#
Memory Base Address 0	F7D20000

[Features]

Bus Mastering:	Enabled
Running At 66 MHz:	Not Capable
Fast Back-to-Back Transactions:	Not Capable

[Driver Information]

Driver Manufacturer:	Intel
Driver Description:	Intel(R) 8 Series Thermal - 9C24
Driver Provider:	Intel
Driver Version:	9.4.0.1017
Driver Date:	25-Feb-2013
DeviceInstanceId	PCI\VEN_8086&DEV_9C24&SUBSYS_142D1043&REV_04\3&11583659&0&FE

Video Adapter

Intel HD Graphics 4400

[Video chipset]

Video Chipset:	Intel HD Graphics 4400
Video Chipset Codename:	Haswell-U GT2
Video Memory:	1024 MBytes

[Video Card]

Video Card:	Intel Haswell-MB ULT GT2 - Integrated Graphics Controller [C0/D0] [AsusTek]
Video Bus:	Integrated
Video RAMDAC:	Internal
Video BIOS Version:	Unknown

[Performance]

Processor Clock:	598.8 MHz
Memory Clock:	798.0 MHz

Hardware ID:	PCI\VEN_8086&DEV_0A16&SUBSYS_142D1043&REV_09
PCI Location (Bus:Dev:Fnc):	0:02:0

[Driver Information]

Driver Manufacturer:	Intel Corporation
Driver Description:	Intel(R) HD Graphics Family
Driver Provider:	Intel Corporation
Driver Version:	20.19.15.4380
Driver Date:	02-Feb-2016
DeviceInstanceId	PCI\VEN_8086&DEV_0A16&SUBSYS_142D1043&REV_09\3&11583659&0&10

Monitor

Unknown

[General information]

Monitor Name:	Unknown
----------------------	----------------

Monitor Name (Manuf):

Serial Number:

Date Of Manufacture:

Monitor Hardware ID:

Viseo243D

D2SEE0088520

Week: 42, Year: 2013

Monitor\PKB0386

Max. Vertical Size:

30 cm

Max. Horizontal Size:

53 cm

Horizontal Frequency:

30 - 80 kHz

Vertical Frequency:

55 - 76 Hz

Maximum Pixel Clock:

170 MHz

[Advanced parameters]

Input Signal:

Digital

Display Type:

RGB color

Gamma Factor:

2.20

[DPMS Modes]

Standby:

Supported

Suspend:

Supported

Active Off:

Not Supported

Standard Colour Space:

Not Supported

Preferred Timing Mode:

Supported

Default GTF Supported:

Not Supported

DFP 1.x Compatible:

No

[Supported Video Modes]

1152 x 864

75 Hz

1280 x 960

60 Hz

1280 x 1024

60 Hz

1280 x 720

60 Hz

1280 x 800

60 Hz

1440 x 900

60 Hz

1680 x 1050

60 Hz

1920 x 1080

60 Hz

1920 x 1080

531 x 299 mm, Pixel Clock 148.50 MHz

Chi Mei [Unknown Model: CMN1133]

[General information]**Monitor Name:****Chi Mei [Unknown Model: CMN1133]****Monitor Name (Manuf):****N116HSE-EA2 CMN N116HSE-EA2**

Serial Number:

Unknown

Date Of Manufacture:

Week: 16, Year: 2013

Monitor Hardware ID:

Monitor\CMN1133

Max. Vertical Size:

14 cm

Max. Horizontal Size:

26 cm

[Advanced parameters]

Input Signal:

Digital

Color Bit Depth:

8 Bits per Primary Color

Digital Video Interface Standard Supported:

DisplayPort

Display Type:

Monochrome/grey scale

Gamma Factor:

2.20

[DPMS Modes]

Standby:

Not Supported

Suspend:

Not Supported

Active Off:

Not Supported

Standard Colour Space:

Not Supported

Preferred Timing Mode:

Supported

Default GTF Supported:

Not Supported

DFP 1.x Compatible:

Yes

[Supported Video Modes]

1920 x 1080

256 x 144 mm, Pixel Clock 138.78 MHz

Audio

Intel Haswell-MB ULT - Mini HD Audio Controller [C0/D0]

Audio Adapter:

Audio Controller Hardware ID:

Intel Haswell-MB ULT - Mini HD Audio Controller [C0/D0]

PCI\VEN_8086&DEV_0A0C&SUBSYS_20108086&REV_09

Intel Lynx Point-LP - High Definition Audio Controller [B2]

Audio Adapter:

Audio Controller Hardware ID:

Intel Lynx Point-LP - High Definition Audio Controller [B2]

PCI\VEN_8086&DEV_9C20&SUBSYS_142D1043&REV_04

High Definition Audio Codec:

Audio Codec Hardware ID:

Conexant

HDAUDIO\FUNC_01&VEN_14F1&DEV_510F&SUBSYS_00000000

[Driver Information]

Driver Manufacturer:

Driver Description:

Driver Provider:

Driver Version:

Driver Date:

DeviceInstanceId

Conexant

Conexant SmartAudio HD

Conexant

8.66.16.52

04-Aug-2015

HDAUDIO\FUNC_01&VEN_14F1&DEV_510F&SUBSYS_1043142D&REV_1001\4&26D1F636&0&0001

Ports

Serial Ports

Parallel Ports

USB

USB-xHCI-kompatibler Hostcontroller

Root Hub

[Port1] : USB Hub

[Port1] : No Device Connected

[Port2] : No Device Connected

[Port3] : No Device Connected

[Port4] : No Device Connected

[Port2] : USB-Verbundgerät

[Device Information]

Device Manufacturer:	Logitech
Product Name:	USB Receiver
Serial Number:	N/A
USB Version Supported:	2.00
USB Device Speed:	USB 1.1 Full-speed
Driver Description:	USB-Verbundgerät
Hardware ID:	USB\VID_046D&PID_C52B

[Driver Information]

Driver Manufacturer:	(Standard-USB-Hostcontroller)
Driver Description:	USB-Verbundgerät
Driver Provider:	Microsoft
Driver Version:	10.0.10586.0
Driver Date:	21-Jun-2006
DeviceInstanceId	USB\VID_046D&PID_C52B\5&388DB30C&0&2

[Port3] : No Device Connected

[Port4] : Realtek Bluetooth 4.0 Adapter

[Device Information]

Device Manufacturer:	
Product Name:	
Serial Number:	
USB Version Supported:	3.00 (Connected to a USB 2.00 Port)
USB Device Speed:	USB 1.1 Full-speed
Driver Description:	Realtek Bluetooth 4.0 Adapter
Hardware ID:	USB\VID_13D3&PID_3414

[Driver Information]

Driver Manufacturer:	Realtek Semiconductor Corp.
Driver Description:	Realtek Bluetooth 4.0 Adapter
Driver Provider:	Realtek Semiconductor Corp.
Driver Version:	1.3.868.3
Driver Date:	11-Jun-2015
DeviceInstanceId	USB\VID_13D3&PID_3414\00E04C000001

[Port5] : USB-Verbundgerät

[Device Information]

Device Manufacturer:	
Product Name:	

Serial Number:
USB Version Supported: 2.00
USB Device Speed: USB 1.1 Full-speed
Driver Description: USB-Verbundgerät
Hardware ID: USB\VID_03EB&PID_8C0C

[Driver Information]

Driver Manufacturer: (Standard-USB-Hostcontroller)
Driver Description: USB-Verbundgerät
Driver Provider: Microsoft
Driver Version: 10.0.10586.0
Driver Date: 21-Jun-2006
DeviceInstanceId: USB\VID_03EB&PID_8C0C\5&388DB30C&0&5

[Port6] : USB-Verbundgerät

[Device Information]

Device Manufacturer: Android
Product Name: Android
Serial Number: DBN0CY37719846D
USB Version Supported: 2.00
USB Device Speed: USB 2.0 High-speed
Driver Description: USB-Verbundgerät
Hardware ID: USB\VID_0B05&PID_561F

[Driver Information]

Driver Manufacturer: (Standard-USB-Hostcontroller)
Driver Description: USB-Verbundgerät
Driver Provider: Microsoft
Driver Version: 10.0.10586.0
Driver Date: 21-Jun-2006
DeviceInstanceId: USB\VID_0B05&PID_561F\DBN0CY37719846D

[Port7] : USB-Verbundgerät

[Device Information]

Device Manufacturer:
Product Name:
Serial Number:
USB Version Supported: 2.00
USB Device Speed: USB 2.0 High-speed
Driver Description: USB-Verbundgerät
Hardware ID: USB\VID_04F2&PID_B3FF

[Driver Information]

Driver Manufacturer: (Standard-USB-Hostcontroller)
Driver Description: USB-Verbundgerät
Driver Provider: Microsoft
Driver Version: 10.0.10586.0
Driver Date: 21-Jun-2006
DeviceInstanceId: USB\VID_04F2&PID_B3FF\0X0001

[Port8] : No Device Connected

[Port9] : No Device Connected

[Port10] : USB Hub

[Port1] : No Device Connected

[Port2] : No Device Connected

[Port3] : No Device Connected

[Port4] : No Device Connected

[Port11] : No Device Connected

[Port12] : No Device Connected

[Port13] : No Device Connected
