

MACHINE INFORMATION

Machine Manufacturer: LENOVO
Machine Type-Model(MTM): 20Q8S7DQ00
Product Version: ThinkPad L590
Serial Number: PF2JP6F4

BIOS INFORMATION

BIOS Version: R0ZET55W (1.33)
BIOS Release Date: 05/24/2023
BIOS Manufacturer: LENOVO
EC Version: R0ZHT39W(1.18)
Intel ME Version: 12.0.64.1551

PROCESSOR INFORMATION

Processor Manufacturer: Intel(R) Corporation
Processor Version: Intel(R) Core(TM) i5-8265U CPU @
1.60GHz

BATTERY INFORMATION

UDI: LGC
Display Name: 2682-LGC

Primary: YES
Manufacturer: LGC
Serial Number: 2682
Bar Code Number: L2NX0C302KT
FRU Number: 5B10W138
Firmware Level: 256
Manufacture Date: 2020/12/03
First Use Date: 2021/05/26
Temperature: 25 C
Device Chemistry: LiP
Cycle Count: 14
Charging Status: INITIALIZED
Remaining Charge: 100 %
Capacity Mode: 10mWh
Full Charge Capacity: 42010mWh (3407mAh)
Remaining Capacity: 42000mWh (3406mAh)
Design Capacity: 45000mWh (4054mAh)
Current: 1591 mA
Voltage: 12328 mV
Design Voltage: 11100 mV
Warranty Period: 1 Year(s)
Warranted Cycles: 750
OptionalMfgFunction2: COMMON_DUAL_MODE |
CAPACITY_CORRECTION

CPU INFORMATION

UDI: Intel(R) Core(TM) i5-8265U CPU @

1.60GHz - INTEL

Display Name: Intel(R) Core(TM) i5-8265U CPU @
1.60GHz - INTEL

Model: Intel(R) Core(TM) i5-8265U CPU @
1.60GHz

Vendor: INTEL

Number of Cores: 4

Number of Enabled Cores: 4

Number of Threads: 8

Signature: 806ec

Max Speed: 1.800 GHz

Current Speed: 1.800 GHz

Features: MMX, EM64T, SSE, SSE2, SSE3,
SSSE3, SSE4.1, SSE4.2, AES, AVX,
AVX2, CLMUL, FMA, PSE, PSE-36,
IDA/Turbo boost, HTT, XD, VMX

Cache L1: 4 x 32 KB Data, 4 x 32 KB
Instruction

Cache L2: 4 x 256 KB Unified

Cache L3: 1 x 6 MB Unified

DISPLAY INFORMATION

UDI: N156HCE-EAA CMN N156HCE-EAA - CMN

Display Name: N156HCE-EAA CMN N156HCE-EAA - CMN

Manufacturer ID: CMN

Model Name: N156HCE-EAA CMN N156HCE-EAA

EDID Version: 1.4

Max Resolution: 1920 x 1080 pixels

Max Image Size: 34 cm x 19 cm

Input Type: Digital

Display Type: RGB 4:4:4

FAN INFORMATION

UDI: FAN_SYSTEM

Display Name: FAN_SYSTEM

Number of Fans: 1

Fan 1 Speed: 0 RPM

CPU Temperature: 37 C

KEYBOARD INFORMATION

UDI: Keyboard

Display Name: PS/2 Keyboard

Device Type: PS/2 Keyboard

MEMORY INFORMATION

UDI: MEMORY_UDI
Display Name: MAIN_MEMORY

Memory Channel Mode: Single
Total Physical Memory: 8192 MB

Origin: SMBIOS
Type: DDR4
Manufacturer: Samsung
Maximum Speed: 2667 MT/s
Current Speed: 2400 MT/s
Size: 8192 MB
Bank Locator: BANK 2
Device Locator: ChannelB-DIMM0
Part Number: M471A1K43DB1-CTD
Serial Number: 38B01691

MOTHERBOARD INFORMATION

UDI: MOTHERBOARD_UDI
Display Name: MAIN_MOTHERBOARD

No. USB Host Controllers: 1
Number of PCI: 21
RTC Presence: Yes
8S Code: 8SSB20R14835L1HF0CF00SH

Resource: PCI resource
Index: 1
Slot: 0
Class: Bridge Device
Subclass: Host/PCI bridge
Bus: 0x00
Device: 0x00
Function: 0x00
Vendor ID: 0x8086
Product ID: 0x3E34

Resource: PCI resource
Index: 2
Slot: 0
Class: Display Controller
Subclass: VGA/8514 controller
Programming Interface: VGA compatible
Bus: 0x00
Device: 0x02
Function: 0x00
Vendor ID: 0x8086
Product ID: 0x3EA0

Resource: PCI resource
Index: 3
Slot: 0
Class: Data Acquisition & Signal

Processing Controllers

Subclass: Other DAQ & SP controllers

Bus: 0x00

Device: 0x04

Function: 0x00

Vendor ID: 0x8086

Product ID: 0x1903

Resource: PCI resource

Index: 4

Slot: 0

Class: Base System Peripherals

Subclass: Other system peripheral

Bus: 0x00

Device: 0x08

Function: 0x00

Vendor ID: 0x8086

Product ID: 0x1911

Resource: PCI resource

Index: 5

Slot: 0

Class: Data Acquisition & Signal

Processing Controllers

Subclass: Other DAQ & SP controllers

Bus: 0x00

Device: 0x12

Function: 0x00

Vendor ID: 0x8086

Product ID: 0x9DF9

Resource: PCI resource

Index: 6

Slot: 0

Class: Serial Bus Controllers

Subclass: USB

Programming Interface: xHCI

Bus: 0x00

Device: 0x14

Function: 0x00

Vendor ID: 0x8086

Product ID: 0x9DED

Resource: PCI resource

Index: 7

Slot: 0

Class: Memory Controller

Subclass: RAM memory controller

Bus: 0x00

Device: 0x14

Function: 0x02

Vendor ID: 0x8086

Product ID: 0x9DEF

Resource: PCI resource
Index: 8
Slot: 0
Class: Serial Bus Controllers
Subclass: Other bus type
Bus: 0x00
Device: 0x15
Function: 0x00
Vendor ID: 0x8086
Product ID: 0x9DE8

Resource: PCI resource
Index: 9
Slot: 0
Class: Serial Bus Controllers
Subclass: Other bus type
Bus: 0x00
Device: 0x15
Function: 0x02
Vendor ID: 0x8086
Product ID: 0x9DEA

Resource: PCI resource
Index: 10
Slot: 0
Class: Simple Communications Controllers
Subclass: Other communication device
Bus: 0x00
Device: 0x16
Function: 0x00
Vendor ID: 0x8086
Product ID: 0x9DE0

Resource: PCI resource
Index: 11
Slot: 0
Class: Bridge Device
Subclass: PCI/PCI bridge
Programming Interface: PCI-to-PCI bridge
Bus: 0x00
Device: 0x1D
Function: 0x00
Vendor ID: 0x8086
Product ID: 0x9DB0

Resource: PCI resource
Index: 12
Slot: 4
Class: Mass Storage Controller
Subclass: Non-volatile memory subsystem
Programming Interface: NVM Express I/O controller
Bus: 0x04
Device: 0x00
Function: 0x00

Vendor ID: 0x15B7
Product ID: 0x5006

Resource: PCI resource
Index: 13
Slot: 0
Class: Bridge Device
Subclass: PCI/PCI bridge
Programming Interface: PCI-to-PCI bridge
Bus: 0x00
Device: 0x1D
Function: 0x03
Vendor ID: 0x8086
Product ID: 0x9DB3

Resource: PCI resource
Index: 14
Slot: 5
Class: Network Controller
Subclass: Other network controller
Bus: 0x05
Device: 0x00
Function: 0x00
Vendor ID: 0x8086
Product ID: 0x2526

Resource: PCI resource
Index: 15
Slot: 0
Class: Bridge Device
Subclass: PCI/PCI bridge
Programming Interface: PCI-to-PCI bridge
Bus: 0x00
Device: 0x1D
Function: 0x07
Vendor ID: 0x8086
Product ID: 0x9DB7

Resource: PCI resource
Index: 16
Slot: 7
Class: Device does not fit in any defined
classes
Subclass: Undefined
Bus: 0x07
Device: 0x00
Function: 0x00
Vendor ID: 0x10EC
Product ID: 0x522A

Resource: PCI resource
Index: 17
Slot: 0
Class: Bridge Device

Subclass: PCI/ISA bridge
Bus: 0x00
Device: 0x1F
Function: 0x00
Vendor ID: 0x8086
Product ID: 0x9D84

Resource: PCI resource
Index: 18
Slot: 0
Class: Multimedia Device
Subclass: Mixed mode device
Bus: 0x00
Device: 0x1F
Function: 0x03
Vendor ID: 0x8086
Product ID: 0x9DC8

Resource: PCI resource
Index: 19
Slot: 0
Class: Serial Bus Controllers
Subclass: System Management Bus
Bus: 0x00
Device: 0x1F
Function: 0x04
Vendor ID: 0x8086
Product ID: 0x9DA3

Resource: PCI resource
Index: 20
Slot: 0
Class: Serial Bus Controllers
Subclass: Other bus type
Bus: 0x00
Device: 0x1F
Function: 0x05
Vendor ID: 0x8086
Product ID: 0x9DA4

Resource: PCI resource
Index: 21
Slot: 0
Class: Network Controller
Subclass: Ethernet controller
Bus: 0x00
Device: 0x1F
Function: 0x06
Vendor ID: 0x8086
Product ID: 0x15BE

Resource: USB resource
Index: 1
USB Version: 2.0

Class: Wireless
Subclass: Radio frequency
Vendor ID: 0x8087
Product ID: 0x0025
Vendor: Not available
Product: Generic device

Resource: USB resource
Index: 2
USB Version: 2.0
Class: Miscellaneous device
Subclass: Not available
Vendor ID: 0x27C6
Product ID: 0x55B4
Vendor: Generic
Product: Goodix FingerPrint Device

Resource: USB resource
Index: 3
USB Version: 2.0
Class: Mass storage
Subclass: SCSI
Vendor ID: 0x0930
Product ID: 0x6545
Vendor: Kingston
Product: DataTraveler 2.0

MOUSE INFORMATION

UDI: PS/2 Mouse
Display Name: PS/2 Mouse

Device Type: PS/2 Mouse
Resolution X: 4
Resolution Y: 4
Has Left Button: YES
Has Right Button: YES

PCI EXPRESS INFORMATION

UDI: PCI_EXPRESS_SYSTEM
Display Name: PCI_EXPRESS_SYSTEM

Resource: PCI-Express resource
Bus: 0x0
Device: 0x2
Function: 0x0
Offboard Device: No
Vendor Id: 0x8086
Class: Display Controller
Subclass: VGA/8514 controller
Programming Interface: VGA compatible

Resource: PCI-Express resource
PCIe Spec Version: 2.0
Bus: 0x5
Device: 0x0
Function: 0x0
Offboard Device: Yes
Vendor Id: 0x8086
Class: Network Controller
Subclass: Other network controller

Resource: PCI-Express resource
PCIe Spec Version: 1.1
Bus: 0x7
Device: 0x0
Function: 0x0
Offboard Device: Yes
Vendor Id: 0x10EC
Class: Device does not fit in any defined
classes
Subclass: Undefined

STORAGE INFORMATION

UDI: SanDisk a Western Digital
Company-WDC PC SN730
SDBQNTY-256G-1001-20490Q472011
Display Name: WDC PC SN730
SDBQNTY-256G-1001-SanDisk a
Western Digital Company

Model Number: WDC PC SN730 SDBQNTY-256G-1001
Manufacturer: SanDisk a Western Digital Company
Device Type: NVMe
Serial Number: 20490Q472011
8S Code: 8SSSS0L24774D4CM0C501XE
Firmware Revision: 11170101
Size: 238 GB
Rotation Rate: Non-rotating media detected
Temperature: 26 C
Physical Block Size: 512 bytes
Logical Block Size: 512 bytes
No. of Logical Blocks: 500118192 blocks