

Lenovo Diagnostics - LOG



3/24/2022 12:52:36 PM - Canceled

The tests were canceled

Final Result Code: [W3KSB4PBM4Q7-ZW946G](#)
Model: ThinkPad X1 Carbon
Serial Number: PK1M0MT
BIOS Version: G6ETC5WW (2.85)
Application Version: Lenovo Diagnostics Windows 4.42.0.155
Machine Type-Model: 3460CLG
Wireless MAC Address 1: 84:3A:4B:D2:8B:2C
Test Start Time & Date: 3/24/2022 12:52:36 PM
Test End Time & Date: 3/24/2022 1:46:04 PM



Modules

Audio Controller
Battery
Bluetooth
Processor
Display
Display Interface
Fan
Keyboard
Memory
Motherboard
PCI Express
Sensors
SIM Card
Storage
Video Card
Wireless

Test results

✓ Passed
✓ Passed
✓ Passed
✓ Passed
✓ Passed
✓ Passed
✓ Passed
✓ Passed
✓ Passed
✓ Passed
✓ Passed
✗ Canceled
✗ Canceled
✓ Passed
✓ Passed
✓ Passed

Total modules tested: 16 Passed: 14 Failed: 0 Canceled: 2 Warning: 0 Not Applicable: 0

Audio Controller

✓ **Audio Controller**

Result Code: WAC0000000700000000-UI8X5I

UDI: ac1
Manufacturer: Intel
High Definition Audio specification: 1.0

Number of input streams: 4
Number of output streams: 4
Number of bidirectional streams: 0
Driver version: 10.0.19041.1566

3/24/2022 12:52:37 PM - CORB Status Test	Passed (0s)
3/24/2022 12:52:37 PM - Output Stream Test	Passed (6s)
3/24/2022 12:52:43 PM - Input Stream Test	Passed (5s)

Battery

Main Battery

Result Code: WBA0000000900000000-UI8X5I

UDI: SBAT
Index: 0
Chemistry: Lithium Polymer
Temperature: 24.85 °C
Manufacturer: LGC
Design voltage: 14.8 Volts
Serial number: 3244
Design capacity: 46 Wh (3108 mAh)
Full charge capacity: 44.89 Wh (3033 mAh)
Cycle count: 17
Driver version: 10.0.19041.1 [Windows]
Firmware version: 0001-00A5-0103-043C
FRU part number: 45N1071
Bar code: W6989V1FM

3/24/2022 12:52:48 PM - Battery Health Test	Passed (1s)
3/24/2022 12:52:49 PM - Message: Total Battery Charge: 73%	
3/24/2022 12:52:49 PM - Battery Temperature Test	Passed (0s)
3/24/2022 12:52:49 PM - Message: Total Battery Charge: 73%	

Bluetooth

Bluetooth Adapter

Result Code: WBT0000000100000000-UI8X5I

UDI: Bluetooth Adapter
Resources:
Resource type: Bluetooth
Index: 0
Bluetooth Device Name: ThinkPad Bluetooth 4.0
Manufacturer: Broadcom
Driver version: 12.0.1.410

3/24/2022 12:52:49 PM - Scan Test	Passed (15s)
3/24/2022 12:53:04 PM - Message: Devices found: ACC-S1719	

Processor

✔ Intel(R) Core(TM) i7-3667U CPU @ 2.00GHz

Result Code:WCP0000023E00000000-UI8X5I

UDI:	Intel(R) Core(TM) i7-3667U CPU @ 2.00GHz - INTEL (0)
Model:	Intel(R) Core(TM) i7-3667U CPU @ 2.00GHz
Vendor:	INTEL
Number of Cores:	2
Number of Threads:	4
Signature:	306A9h
Current Speed:	2.485273 GHz
Features:	MMX, EM64T, SSE, SSE2, SSE3, SSSE3, SSE4.1, SSE4.2, AES, AVX, CLMUL, PSE, PSE-36, IDA/Turbo boost, HTT, XD, VMX
Cache L1:	2 x 32 KB CPU_DATA_CACHE, 2 x 32 KB CPU_INSTRUCTION_CACHE
Cache L2:	2 x 256 KB CPU_UNIFIED_CACHE
Cache L3:	4 MB CPU_UNIFIED_CACHE
Driver version:	10.0.19041.546

3/24/2022 12:53:04 PM - BT Instruction Test	Passed (0s) ✔
3/24/2022 12:53:04 PM - x87 Floating Point Test	Passed (0s) ✔
3/24/2022 12:53:04 PM - MMX Test	Passed (0s) ✔
3/24/2022 12:53:04 PM - SSE Test	Passed (1s) ✔
3/24/2022 12:53:05 PM - AES Test	Passed (0s) ✔
3/24/2022 12:53:05 PM - Stress Test	Passed (600s) ✔

Display

✔ Generic Display

Result Code:WMO0000000G000000000-UI8X5I

UDI:	dpy1
Display Index:	1
Current Resolution:	1600x900
Manufacturer ID:	LEN
EDID Version:	1.3
Native Resolution:	1600x900
Screen Size:	31cm x 17cm
Input Type:	Digital
Driver version:	6.14.14.0

3/24/2022 1:03:05 PM - Resolution Fitting Test	Passed (0s) ✔
3/24/2022 1:03:05 PM - Message: Your system can take full advantage of your display resolution.	

Display Interface

✔ Generic Display

Result Code:WDI00000000300000000-UI8X5I

UDI:	dpy1
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Display Index: 1
Current Resolution: 1600x900
Manufacturer ID: LEN
EDID Version: 1.3
Native Resolution: 1600x900
Screen Size: 31cm x 17cm
Input Type: Digital
Driver version: 6.14.14.0

3/24/2022 1:03:05 PM - EDID Checksum Test Passed (0s) 
3/24/2022 1:03:05 PM - **Message:** Checksum valid.
3/24/2022 1:03:05 PM - Display Communication Test Passed (4s) 
3/24/2022 1:03:09 PM - **Message:** Test executed with success.

Fan

 Fan Device

Result Code:WFN0000000100000000-UI8X5I

UDI: Fan Device
CPU Temperature: 66 °C
CPU Fan Speed: 3640 RPM

3/24/2022 1:03:09 PM - Control Test Passed (18s) 
3/24/2022 1:03:27 PM - **Message:** Test succeeded with the following fan speed: 5041 RPM

Keyboard

 Keyboard

Result Code:WKB0000000100000000-UI8X5I

UDI: Keyboard
Resources:
Resource type: Keyboard
Index: 1
PS/2 keyboard: Detected
Driver version: 10.0.19041.1

3/24/2022 1:03:27 PM - PS/2 keyboard test Passed (6s) 

Memory

 Physical Memory

Result Code:WME00000RVV00000000-UI8X5I

UDI: Physical Memory
Physical Memory: 8.000 GB
Resources:
Resource type: Bank
Index: 0

Manufacturer: Samsung
Speed: 1333 MHz
Size: 4.000 GB
Part number: M471B5174BM0-YH9
Serial: None
Type: DDR3

Resource type: Bank
Index: 1
Manufacturer: Samsung
Speed: 1333 MHz
Size: 4.000 GB
Part number: M471B5174BM0-YH9
Serial: None
Type: DDR3

3/24/2022 1:03:33 PM - Quick Random Pattern Test	Passed (45s) 
3/24/2022 1:04:18 PM - Advanced Integrity Test	Passed (14s) 
3/24/2022 1:04:32 PM - Address Test	Passed (9s) 
3/24/2022 1:04:41 PM - Bit Low Test	Passed (11s) 
3/24/2022 1:04:52 PM - Bit High Test	Passed (11s) 
3/24/2022 1:05:03 PM - Walking Ones Left Test	Passed (68s) 
3/24/2022 1:06:11 PM - Walking Ones Right Test	Passed (72s) 
3/24/2022 1:07:23 PM - Modulo-20 Test	Passed (219s) 
3/24/2022 1:11:02 PM - Moving Inversions 8bit Test	Passed (124s) 
3/24/2022 1:13:06 PM - Moving Inversions 32bit Test	Passed (144s) 
3/24/2022 1:15:30 PM - Random Pattern Test	Passed (163s) 
3/24/2022 1:18:13 PM - Random Number Sequence Test	Passed (355s) 
3/24/2022 1:24:08 PM - Block Move Test	Passed (94s) 
3/24/2022 1:25:42 PM - Nibble Move Test	Passed (26s) 

Motherboard

 **Motherboard**

Result Code:WMB0000000F00000000-UI8X5I

UDI: LENOVO-3460CLG
Number of USB Host Controllers: 3
Number of PCI: 15
RTC presence: Yes
Resources:
Resource type: PCI Resource
Index: 1
Slot: 00:1f.3
Class name: Serial bus controller

Subclass name:	SMBus
Resource type:	PCI Resource
Index:	2
Slot:	00:1a.0
Class name:	Serial bus controller
Subclass name:	USB controller
Resource type:	PCI Resource
Index:	3
Slot:	00:1b.0
Class name:	Multimedia controller
Subclass name:	Audio device
Resource type:	PCI Resource
Index:	4
Slot:	00:02.0
Class name:	Display controller
Subclass name:	VGA compatible controller
Resource type:	PCI Resource
Index:	5
Slot:	00:1c.1
Class name:	Bridge
Subclass name:	PCI bridge
Resource type:	PCI Resource
Index:	6
Slot:	00:1c.0
Class name:	Bridge
Subclass name:	PCI bridge
Resource type:	PCI Resource
Index:	7
Slot:	03:00.0
Class name:	Network controller
Subclass name:	Network controller
Resource type:	PCI Resource
Index:	8
Slot:	02:00.0
Class name:	Generic system peripheral
Subclass name:	System peripheral
Resource type:	PCI Resource
Index:	9
Slot:	00:00.0
Class name:	Bridge
Subclass name:	Host bridge
Resource type:	PCI Resource
Index:	10
Slot:	00:14.0
Class name:	Serial bus controller

Subclass name:	USB controller
Resource type:	PCI Resource
Index:	11
Slot:	00:1f.0
Class name:	Bridge
Subclass name:	ISA bridge
Resource type:	PCI Resource
Index:	12
Slot:	00:1f.2
Class name:	Mass storage controller
Subclass name:	SATA controller
Resource type:	PCI Resource
Index:	13
Slot:	00:16.3
Class name:	Communication controller
Subclass name:	Serial controller
Resource type:	PCI Resource
Index:	14
Slot:	00:1d.0
Class name:	Serial bus controller
Subclass name:	USB controller
Resource type:	PCI Resource
Index:	15
Slot:	00:16.0
Class name:	Communication controller
Subclass name:	Communication controller
Resource type:	USB Resource
Index:	16
USB Version:	1.1
Class name:	Human interface device (HID)
Subclass name:	Boot interface subclass
Vendor ID:	0x3938
Product ID:	0x1031
Vendor:	MOSART Semi.
Product:	2.4G Wireless Mouse
Resource type:	USB Resource
Index:	17
USB Version:	2.0
Class name:	Communications and CDC Control
Subclass name:	Wireless handset control
Vendor ID:	0x0BDB
Product ID:	0x1926
Vendor:	Lenovo
Product:	H5321 gw
Resource type:	USB Resource
Index:	18

USB Version:	2.0
Class name:	Vendor specific
Subclass name:	Vendor specific
Vendor ID:	0x0A5C
Product ID:	0x21E6
Vendor:	Not available
Product:	Not available
Resource type:	USB Resource
Index:	19
USB Version:	2.0
Class name:	Miscellaneous device
Subclass name:	Not available
Vendor ID:	0x04F2
Product ID:	0xB315
Vendor:	SunplusIT INC.
Product:	Integrated Camera

3/24/2022 1:26:08 PM - Chipset Test	Passed (0s)
3/24/2022 1:26:08 PM - PCI/PCI-e Test	Passed (0s)
3/24/2022 1:26:08 PM - RTC Test	Passed (10s)
3/24/2022 1:26:18 PM - USB Test	Passed (1s)
3/24/2022 1:26:19 PM - Message: The parallel data transfer in USB 3.0 is available.	
3/24/2022 1:26:19 PM - Message: One or more devices could not be tested because access to them is blocked by the system.	

PCI Express

PCI Express System

Result Code:WPE0000000100000000-UI8X5I

UDI:	PCI Express System
PCI0:	0:1b.0
PCI1:	3:0.0
PCI2:	2:0.0
Resources:	
Resource type:	Device
Index:	0
Bus:	0x0
Device:	0x1b
Function:	0x0
Device Connected:	NO
Vendor Id:	0x8086
Vendor Name:	Intel Corporation
Class:	0x4
Class Name:	Multimedia controller
Subclass:	0x3
Subclass name:	Audio device
Resource type:	Device
Index:	1

Bus: 0x3
Device: 0x0
Function: 0x0
Device Connected: YES
Vendor Id: 0x8086
Vendor Name: Intel Corporation
Class: 0x2
Class Name: Network controller
Subclass: 0x80
Subclass name: Network controller

Resource type: Device
Index: 2
Bus: 0x2
Device: 0x0
Function: 0x0
Device Connected: YES
Vendor Id: 0x1180
Vendor Name: Ricoh Co Ltd
Class: 0x8
Class Name: Generic system peripheral
Subclass: 0x80
Subclass name: System peripheral

3/24/2022 1:26:19 PM - Status Test

Passed (0s) 

Sensors

Sensors Collection

Result Code:WSE0000002000000000-UI8X5I

UDI: Sensors Collection
SENSOR 0: H5321 gw Mobile Broadband Geolocation Sensor
Driver version: 8.2.5.0
SENSOR 1: Lid Sensor

3/24/2022 1:26:19 PM - GPS Communication Test

Passed (0s) 

3/24/2022 1:26:19 PM - GPS Lock Test

Canceled (1s) 

3/24/2022 1:26:20 PM - **Message:** Could not read from the sensor.

SIM Card

Ericsson H5321 gw

Result Code:WSC0000000200000000-UI8X5I

UDI: {8868D4E7-8886-4237-A1B5-E91F83021C0B}
Cellular class: GSM
Voice call support: No voice call support
SMS support: Can receive PDU-type SMS; Can send PDU-type SMS
Device ID: 359001045310013
Manufacturer: Lenovo

Firmware version:	CXP 901 8700/1 - R3C18
Provider:	Information is not available
Ready state:	SIM card not inserted
Connection state:	No available connection, or the device is not registered to a network
Signal strength:	Information is not available

3/24/2022 1:26:20 PM - Network Scan Test	Canceled (0s) 
3/24/2022 1:26:20 PM - Message: An internal error occurred. This does not indicate a failure. Please try again.	
3/24/2022 1:26:20 PM - Radio Enabled Test	Passed (0s) 
3/24/2022 1:26:20 PM - Message: The SIM Card is operating normally	
3/24/2022 1:26:20 PM - Signal Strength Test	Canceled (0s) 
3/24/2022 1:26:20 PM - Message: Could not get the signal strength. This information may be unavailable.	

Storage

 **INTEL SSDSCMMW240A3L - 223.57 GBs** **Result Code:** WHD00000C0D00000000-UI8X5I

UDI:	Intel-INTELSSDSCMMW240A3L-CVCS329102DQ240C
Manufacturer:	Intel
Model:	INTEL SSDSCMMW240A3L
Serial:	CVCS329102DQ240C
Firmware:	LE9i
Size:	223.57 GBs
Temperature:	Not Available
Physical Sector Size:	512
Logical Sector Size:	512
Logical Sectors:	468862128
Protocol:	ATA
Specification Version:	Version not reported
Partition Schema:	MBR
Unallocated:	4.09 MBs
Driver version:	10.0.19041.789
Resources:	
Resource type:	Partition
Index:	1
Partition Type:	Primary
File system:	IFS, HPFS, NTFS, exFAT
Size:	100.00 MBs
Resource type:	Partition
Index:	2
Partition Type:	Primary
File system:	IFS, HPFS, NTFS, exFAT
Mount Point:	C:\
Serial:	2AF38B00
Size:	99.44 GBs
Used:	86.09 GBs
Free:	13.35 GBs
Resource type:	Partition
Index:	3

Partition Type:	Primary
File system:	Windows recovery environment, FAT32 rescue, NTFS rescue, MirOS, RooterBOOT
Size:	569.00 MBs
Resource type:	Partition
Index:	0
Partition Type:	Extended
Size:	123.47 GBs
Resource type:	Partition
Index:	4
Partition Type:	Logical
File system:	Native linux
Size:	122.52 GBs
Resource type:	Partition
Index:	5
Partition Type:	Logical
File system:	Linux swap, Solaris x86, Prime
Size:	975.00 MBs

3/24/2022 1:26:20 PM - Targeted Read Test	Not Applicable (1s) 
3/24/2022 1:26:21 PM - Message: Cannot read any SMART logs	
3/24/2022 1:26:21 PM - Random Seek Test	Passed (5s) 
3/24/2022 1:26:26 PM - Funnel Seek Test	Passed (4s) 
3/24/2022 1:26:30 PM - SMART Status Test	Passed (0s) 
3/24/2022 1:26:30 PM - SMART Wearout Test	Passed (1s) 
3/24/2022 1:26:31 PM - Full Disk Scan	Passed (462s) 

Video Card

 Intel(R) HD Graphics 4000

Result Code:WVC0001600T00000000-UI8X5I

UDI:	Intel(R)HDGraphics400000:02.0
Location:	PCI bus 0, device 2, function 0
Driver version:	10.18.10.5161
Vendor ID:	8086
Device ID:	166
Video Card Memory:	32 MB

3/24/2022 1:34:13 PM - Video Memory Test	Passed (16s) 
3/24/2022 1:34:19 PM - Message: Total surfaces tested: 50/50	
3/24/2022 1:34:29 PM - Texture Pipeline Test	Passed (45s) 
3/24/2022 1:35:14 PM - DirectCompute Standard Mathematical Operations Test	Passed (0s) 
3/24/2022 1:35:14 PM - DirectCompute Advanced Mathematical Operations Test	Passed (1s) 

3/24/2022 1:35:15 PM - Extended Video Memory Test

Passed (40s) 

3/24/2022 1:35:45 PM - **Message:** Total surfaces tested: 352/352

3/24/2022 1:35:55 PM - Stress Test

Passed (302s) 

3/24/2022 1:40:57 PM - **Message:** Minimum

3/24/2022 1:40:57 PM - **Message:** GPU Usage: 10%

3/24/2022 1:40:57 PM - **Message:** FPS: 8

3/24/2022 1:40:57 PM - **Message:** Maximum

3/24/2022 1:40:57 PM - **Message:** GPU Usage: 100%

3/24/2022 1:40:57 PM - **Message:** FPS: 13

3/24/2022 1:40:57 PM - **Message:** Average

3/24/2022 1:40:57 PM - **Message:** GPU Usage: 99%

3/24/2022 1:40:57 PM - **Message:** FPS: 8

3/24/2022 1:40:57 PM - Wireframe Stress Test

Passed (302s) 

3/24/2022 1:45:58 PM - **Message:** Minimum

3/24/2022 1:45:58 PM - **Message:** GPU Usage: 88%

3/24/2022 1:45:58 PM - **Message:** FPS: 64

3/24/2022 1:45:58 PM - **Message:** Maximum

3/24/2022 1:45:58 PM - **Message:** GPU Usage: 100%

3/24/2022 1:45:58 PM - **Message:** FPS: 90

3/24/2022 1:45:58 PM - **Message:** Average

3/24/2022 1:45:58 PM - **Message:** GPU Usage: 99%

3/24/2022 1:45:58 PM - **Message:** FPS: 65

Wireless

 Intel(R) Centrino(R) Advanced-N 6205

Result Code:WWF0000000700000000-UI8X5I

UDI: IntelCorporation-Intel(R)Centrino(R)Advanced-N6205-84:3A:4B:D2:8B:2C
Driver version: 15.18.0.1
MAC Address: 84:3A:4B:D2:8B:2C
Manufacturer: Intel Corporation
Network name(s): {91570588-9A48-4082-AC16-8A43BA065134}
Product Name: Sterownik Intel(R) Centrino(R) Advanced-N 6205

3/24/2022 1:45:59 PM - Radio Enabled Test

Passed (2s) 

3/24/2022 1:46:01 PM - **Message:** Hardware/Software state is on

3/24/2022 1:46:01 PM - Network Scan Test

Passed (2s) 

3/24/2022 1:46:02 PM - **Message:** 10 Network(s) available to connect

SSID	Security	Protocol	MAC Address	Signal Quality
HALNy-2.4G-07a040	WPA2-Personal	802.11n	54:DB:A2:04:0A:70	99%
jez	WPA-Personal	802.11g	B2:D1:84:0B:3B:31	41%
HALNy-5G-07a040	WPA2-Personal	802.11ac	54:DB:A2:04:0A:71	99%
Kasprowicza	WPA2-Personal	802.11n	C0:C9:E3:73:61:BE	23%
HUAWEI_B535_FD61B2	WPA2-Personal	802.11ac	24:6F:8C:FD:61:B7	26%
HUAWEI_B535_FD61B2	WPA2-Personal	802.11ac	24:6F:8C:FD:61:B2	26%
	WPA2-Personal	802.11n	C6:C9:E3:73:89:16	25%
	WPA2-Personal	802.11n	24:6F:8C:FD:61:B9	25%
Livebox-C7B9	WPA2-Personal	802.11n	84:74:2A:53:C7:B9	23%

FunBox2-34FE	WPA2-Personal	802.11n	D8:7D:7F:57:34:FE	20%
3/24/2022 1:46:03 PM - Signal Strength Test				Passed (1s) 
3/24/2022 1:46:04 PM - Message: Wireless network found with sufficient signal quality: HALNy-2.4G-07a040				