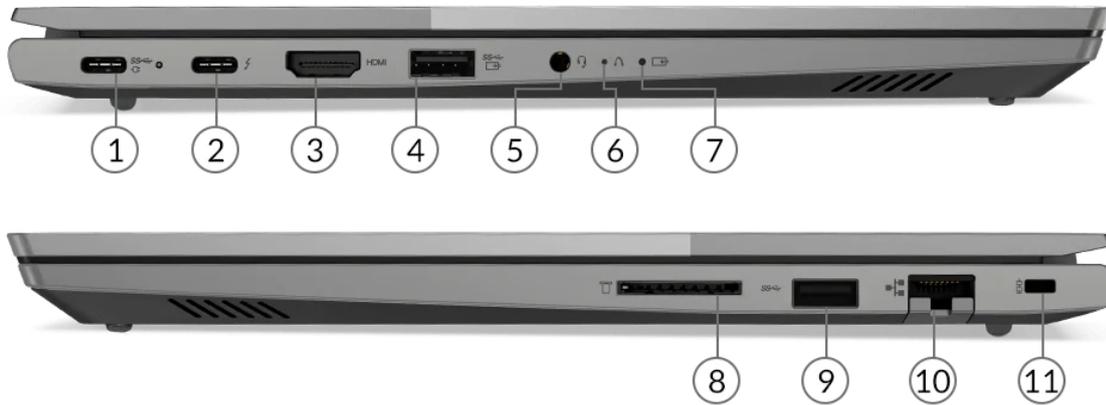# OVERVIEW

1. USB-C 3.2 Gen 2	7. Battery light
2. Thunderbolt 4	8. Card reader
3. HDMI 1.4b	9. USB 3.2 Gen 1
4. USB 3.2 Gen 1 (Always On)	10. Ethernet (RJ-45)
5. Headphone / microphone combo jack (3.5mm)	11. Kensington Nano Security Slot
6. NOVO button hole	

PERFORMANCE

Processor

Processor Family

11th Generation Intel® Core™ i3 / i5 / i7 Processor

Processor[**]

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Memory Support	Processor Graphics
Core i3-1115G4	2	4	3.0GHz	4.1GHz	6MB	DDR4-3200	Intel UHD Graphics
Core i5-1135G7	4	8	2.4GHz	4.2GHz	8MB	DDR4-3200	Intel Iris® Xe Graphics
Core i5-1145G7	4	8	2.6GHz	4.4GHz	8MB	DDR4-3200	Intel Iris Xe Graphics
Core i7-1165G7	4	8	2.8GHz	4.7GHz	12MB	DDR4-3200	Intel Iris Xe Graphics

Operating System

Operating System[**]

- Windows® 11 Pro 64
- Windows 11 Home 64
- Windows 10 Pro 64
- Windows 10 Home 64
- No operating system

Graphics

Graphics[**][1]

Graphics	Type	Memory	Key Features
Intel UHD Graphics	Integrated	Shared	DirectX® 12
Intel Iris Xe Graphics	Integrated	Shared	DirectX 12
NVIDIA® GeForce® MX450	Discrete	2GB GDDR6	DirectX 12

Notes:

1. Intel Iris Xe Graphics capability requires system to be configured with Intel Core i5 or i7 processor and dual-channel memory. On the system with Intel Core i5 or i7 processor and single-channel memory, Intel Iris Xe Graphics will function as Intel UHD graphics.

Monitor Support

Monitor Support

Supports up to 4 independent displays (native display and 3 external monitors via HDMI®, USB-C and Thunderbolt™)
• HDMI supports up to 3840x2160@30Hz
• USB-C supports up to 5120x3200@60Hz
• Thunderbolt supports up to 5120x3200@60Hz

Chipset

Chipset

Intel SoC (System on Chip) platform

Memory

Max Memory[1]

- Up to 36GB (4GB soldered + 32GB SO-DIMM) DDR4-3200
- Up to 40GB (8GB soldered + 32GB SO-DIMM) DDR4-3200

Memory Slots

One memory soldered to systemboard, one DDR4 SO-DIMM slot, dual-channel capable

Memory Type

DDR4-3200

Notes:

1. The max memory is based on the test results with current Lenovo® memory offerings. The system may support more memory as the

technology develops.

Storage

Storage Support[1]

- HDD/SSD mode: up to two drives, 1x 2.5″ HDD + 1x M.2 SSD
  - 2.5″ HDD up to 2TB
  - M.2 2242 SSD up to 512GB
  - M.2 2280 SSD up to 1TB
- Dual SSD mode: up to two drives, 2x M.2 SSD
  - M.2 2242 SSD up to 512GB
  - M.2 2280 SSD up to 1TB

Storage Type***[2]

Disk Type	Interface	RPM	Security
2.5″ SATA HDD	SATA 6Gb/s	5.4K	APS (Active Protection System™)
2.5″ SATA HDD	SATA 6Gb/s	7.2K	APS (Active Protection System)
M.2 2242 SSD	PCIe® NVMe®, PCIe 3.0 x4	-	-
M.2 2280 SSD	PCIe NVMe, PCIe 3.0 x4	-	-
M.2 2280 SSD	PCIe NVMe, PCIe 4.0 x4	-	-

Notes:
1. System supports 1x M.2 2280 PCIe 4.0x4 SSD slot + 1x HDD bay or
   1x M.2 2280 PCIe 4.0x4 SSD slot + 1x M.2 2280 PCIe 3.0x2 SSD slot, depends on model configuration
2. System that comes with two M.2 SSD slots doesn't support to adding an extra 2.5″ HDD.

Removable Storage

Optical

None

Card Reader

4-in-1 card reader (SD, SDHC, SDXC, MMC)

Multi-Media

Audio Chip

High Definition (HD) Audio, Realtek® ALC3287 codec

Speakers

Stereo speakers, 2W x2, Dolby® Audio™

Microphone

Dual array microphone with AI-based noise cancellation, switchable audio modes

Camera

720p, with privacy shutter, fixed focus

Battery

Battery**[1]

- Integrated Li-Polymer 45Wh battery, supports Rapid Charge Pro (charge up to 50% in 30min)
- Integrated Li-Polymer 60Wh battery, supports Rapid Charge (charge up to 80% in 1hr)

Max Battery Life[2]

- MobileMark® 2018: 6 hr (45Wh)
- MobileMark 2018: 8 hr (60Wh)

Notes:
1. 60Wh battery is not available for models with HDD bay.
2. All battery life claims are approximate maximum and based on results using the MobileMark 2014, MobileMark 2018, JEITA 2.0, continuous 1080p video playback (with 150nits brightness and default volume level) or Google Power Load Test (PLT) battery-life benchmark tests. Actual battery life will vary and depends on many factors such as product configuration and usage, software use, wireless functionality, power management settings, and screen brightness. The maximum capacity of the battery will decrease with time and use.

Power Adapter

Power Adapter**[1]

- 65W USB-C slim (2-pin, wall-mount) AC adapter, supports PD 3.0, 100-240V, 50-60Hz
- 65W USB-C (3-pin) AC adapter, supports PD 3.0, 100-240V, 50-60Hz

Notes:

1. 65W USB-C slim (Wall Mount) AC adapter is only available in selected countries

DESIGN

Display

Display**[1]

Size	Resolution	Touch	Type	Brightness	Surface	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle	Key Features
14.0″	FHD (1920x1080)	None	TN	220 nits	Anti-glare	16:9	500:1	45% NTSC	90°	-
14.0″	FHD (1920x1080)	None	IPS	250 nits	Anti-glare	16:9	700:1	45% NTSC	170°	-
14.0″	FHD (1920x1080)	None	IPS	300 nits	Anti-glare	16:9	700:1	45% NTSC	170°	-
14.0″	FHD (1920x1080)	None	IPS	300 nits	Anti-glare	16:9	1200:1	100% sRGB	170°	-
14.0″	FHD (1920x1080)	Multi-touch	IPS	300 nits	Anti-glare	16:9	700:1	45% NTSC	170°	-

Touchscreen

- Capacitive-type on-cell multi-touch, supports 10-point touch
- Non-touch

Notes:

1. California Electronic Waste Recycling Fee
   In California, per state law, Lenovo charges an electronic waste recycling fee on this covered device at the time of sale of the product.
   For more information, go to https://www.calrecycle.ca.gov/Electronics/Consumer

Input Device

Keyboard

6-row, spill-resistant, multimedia Fn keys

Keyboard Backlight

- LED backlight
- No support

Touchpad

Buttonless Mylar® surface multi-touch touchpad, supports Precision TouchPad (PTP)

Mechanical[1]

Dimensions (WxDxH)

323 x 218 x 17.9 mm (12.72 x 8.58 x 0.7 inches)

Weight

1.4 kg (3.09 lbs)

Case Color

Mineral grey, dual-tone design

Surface Treatment

Anodizing sandblasting

Case Material

Aluminium (top), aluminium (bottom)

Notes:
1. The system dimensions and weight vary depending on configurations.

CONNECTIVITY

Network

Onboard Ethernet

Gigabit Ethernet

WLAN + Bluetooth®**[1]

- 802.11ac 2x2 Wi-Fi® + Bluetooth 5.0, M.2 card
- Wi-Fi 6, 802.11ax 2x2 Wi-Fi + Bluetooth 5.1, M.2 Card

Notes:
1. Wi-Fi 6 full features might be limited by country-level restrictions.
   BT5.1 is supported on Windows 10 version 2004 or above (limited to BT5.0 on the earlier version).

Ports[1]

Standard Ports

- 1x USB 3.2 Gen 1
- 1x USB 3.2 Gen 1 (Always On)
- 1x USB-C 3.2 Gen 2 (support data transfer, Power Delivery 3.0, and DisplayPort™ 1.4)
- 1x Thunderbolt 4 / USB4™ 40Gbps (support data transfer, Power Delivery 3.0 and DisplayPort 1.4)
- 1x HDMI 1.4b
- 1x Card reader
- 1x Ethernet (RJ-45)
- 1x Headphone / microphone combo jack (3.5mm)

Notes:
1. The transfer speed of following ports will vary and, depending on many factors, such as the processing speed of the host device, file attributes and other factors related to system configuration and your operating environment, will be slower than theoretical speed.
   USB 2.0: 480 Mbit/s;
   USB 3.2 Gen 1 (SuperSpeed USB 5Gbps, formerly USB 3.0 / USB 3.1 Gen 1): 5 Gbit/s;
   USB 3.2 Gen 2 (SuperSpeed USB 10Gbps, formerly USB 3.1 Gen 2): 10 Gbit/s;
   USB 3.2 Gen 2x2 (SuperSpeed USB 20Gbps): 20 Gbit/s;
   Thunderbolt 3/4: 40 Gbit/s;
   FireWire 400: 400 Mbit/s;
   FireWire 800: 800 Mbit/s

Docking

Docking

Various docking solutions supported via Thunderbolt or USB-C.
For more compatible docking solutions, please visit Docking for ThinkBook 14 G2 ITL

SECURITY & PRIVACY

Security

Security Chip

Firmware TPM 2.0 integrated in chipset

Physical Locks

Kensington® Nano Security Slot

Fingerprint Reader

Touch style fingerprint reader on smart power button

BIOS Security

- Power-on password
- Supervisor password
- Hard disk password

- Self-healing BIOS

Other Security

Camera privacy shutter

SERVICE

Warranty

Base Warranty**[1]

- 1-year depot service
- 1-year depot with 2-year system board service
- 2-year (1-yr battery) depot service

Notes:

1. More information of warranty policy, please access https://pcsupport.lenovo.com/warranty

ENVIRONMENTAL

Operating Environment

Temperature[1]

- At altitudes up to 2438 m (8,000 ft)
  - Operating: 5°C to 35°C (41°F to 95°F)
  - Storage: 5°C to 43°C (41°F to 109°F)
- At altitudes above 2438 m (8,000 ft)
  - Maximum temperature when operating under the unpressurized condition: 31.3°C (88°F)

Humidity

- Operating: 8% to 95% at wet-bulb temperature 23°C (73°F)
- Storage: 5% to 95% at wet-bulb temperature 27°C (81°F)

Altitude

Maximum altitude (without pressurization): 3048 m (10,000 ft)

Notes:

1. When you charge the battery, its temperature must be no lower than 10°C (50°F).

ACCESSORIES

Bundled Accessories

Bundled Accessories

- Lenovo 15.6″ laptop casual toploader, polyester, grey
- None

CERTIFICATIONS

Green Certifications

Green Certifications

- EPEAT™ Silver
- ENERGY STAR® 8.0
- ErP Lot 3
- RoHS compliant

Other Certifications

Mil-Spec Test

MIL-STD-810H military test passed

Other Certifications

(Optional) TÜV Rheinland® Low Blue Light

- Feature with ** means that only one offering listed under the feature is configured on selected models.

- Feature with *** means that one or more offerings listed under the feature could be configured on selected models.

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