

OVERVIEW



1. Nano-SIM card slot *	6. HDMI
2. Thunderbolt 4	7. USB 3.2 Gen 1 (Always On)
3. USB 3.2 Gen 1	8. USB-C 3.2 Gen 2
4. Headphone / microphone combo jack (3.5mm)	9. Kensington Nano Security Slot
5. Pen slot *	10. Smart card reader *

Notes:

- Items with * are only available on selected models

PERFORMANCE

Processor

Processor Family

12th Generation Intel® Core™ i3 / i5 / i7 Processor

Processor**

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Processor Graphics
Core i3-1215U ^[1]	6 (2 P-core + 4 E-core)	8	P-core 1.2GHz / E-core 0.9GHz	P-core 4.4GHz / E-core 3.3GHz	10MB	Intel® UHD Graphics
Core i5-1235U ^[2]	10 (2 P-core + 8 E-core)	12	P-core 1.3GHz / E-core 0.9GHz	P-core 4.4GHz / E-core 3.3GHz	12MB	Intel® Iris® Xe Graphics
Core i5-1245U	10 (2 P-core + 8 E-core)	12	P-core 1.6GHz / E-core 1.2GHz	P-core 4.4GHz / E-core 3.3GHz	12MB	Intel® Iris® Xe Graphics
Core i7-1255U ^[3]	10 (2 P-core + 8 E-core)	12	P-core 1.7GHz / E-core 1.2GHz	P-core 4.7GHz / E-core 3.5GHz	12MB	Intel® Iris® Xe Graphics
Core i7-1265U	10 (2 P-core + 8 E-core)	12	P-core 1.8GHz / E-core 1.3GHz	P-core 4.8GHz / E-core 3.6GHz	12MB	Intel® Iris® Xe Graphics

Notes:

[1] i3-1215U is NOT available in EMEA.

[2] i5-1235U is NOT available in EMEA.

[3] i7-1255U is NOT available in EMEA.

Operating System

Operating System**

- Windows® 11 Pro
- Windows® 11 Home
- Windows® 11 Home Single Language
- Windows® 11 DG Windows® 10 Pro 64 ^[1]
- Ubuntu Linux ^[2]
- No preload operating system

Notes:

[1] Windows® 11 DG Windows® 10 Pro 64 is for special bid only.

[2] Some features may not be supported on the system with Linux preload, including but not limited to Intel® RST RAID, MIPI computer vision camera, WWAN, Human Presence Detection, etc.

Graphics

Graphics**

Graphics	Type	Memory	TGP	Key Features
Intel® UHD Graphics	Integrated	Shared	Share CPU TDP	DirectX® 12.1
Intel® Iris® Xe Graphics	Integrated	Shared	Share CPU TDP	DirectX® 12.1

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@60Hz
- USB-C® supports up to 5120x3200@60Hz
- Thunderbolt™ supports up to 5120x3200@60Hz

Chipset

Chipset

Intel® SoC (System on Chip) platform

Memory

Max Memory

- 8GB soldered memory, not upgradable
- 16GB soldered memory, not upgradable
- 32GB soldered memory, not upgradable

Memory Slots

Memory soldered to systemboard, no slots, dual-channel

Memory Type

DDR4-3200

Storage

Storage Support^[1]

One drive, up to 1TB M.2 2242 SSD

Storage Slot

One M.2 2242 PCIe® 4.0 x4 slot

Storage Type

Disk Type	Interface	Offering	Security
M.2 2242 SSD	PCIe® NVMe®, PCIe® 4.0 x4	256GB / 512GB / 1TB	Opal 2.0

Notes:

[1] The storage capacity supported is based on the test results with current Lenovo® storage offerings.

Removable Storage

Optical

None

Card Reader

No card reader

Multi-Media

Audio Chip

High Definition (HD) Audio, Realtek® ALC3287 codec

Speakers

Stereo speakers, 2W x2, Dolby Audio™

Microphone

Dual-microphone array, far-field, Dolby Voice®

Camera**

- Front FHD 1080p + IR hybrid, with privacy shutter, fixed focus
- Front FHD 1080p + IR hybrid, with privacy shutter, fixed focus; rear 5.0-megapixel, autofocus
- Front FHD 1080p, with privacy shutter, fixed focus
- Front FHD 1080p, with privacy shutter, fixed focus; rear 5.0-megapixel, autofocus
- Front HD 720p, with privacy shutter, fixed focus
- Front HD 720p, with privacy shutter, fixed focus; rear 5.0-megapixel, autofocus

Battery

Battery

Integrated Li-Polymer 46Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter

Battery Life^[1]

Configuration 1 (max battery life)

MobileMark® 2018: up to 8.6 hr with 733 performance score @200nits

JEITA 2.0: up to 13.5 hr @150nits

Local video playback: up to 11.6 hr @150nits

Alternate configuration 2

MobileMark® 2018: up to 8.4 hr with 703 performance score @200nits

JEITA 2.0: up to 13.2 hr @150nits
Local video playback: up to 10.9 hr @150nits

Alternate configuration 3
MobileMark® 2018: up to 8.0 hr with 760 performance score @200nits
JEITA 2.0: up to 12.9 hr @150nits
Local video playback: up to 10.6 hr @150nits

Notes:

[1] Configuration 1 (max battery life): WUXGA (touch), Intel® i3-1215U, 8GB DDR4, Win 11, 46Wh battery, best power efficiency power mode
Alternate configuration 2: WUXGA (touch), Intel® i5-1245U, 16GB DDR4, Win 11, 46Wh battery, best power efficiency power mode
Alternate configuration 3: WUXGA (touch), Intel® i7-1265U, 32GB DDR4, Win 11, 46Wh battery, best power efficiency power mode

All battery life claims are approximate maximum and based on results using [MobileMark® 2018](#), [MobileMark® 25](#), JEITA 2.0, continuous 1080p local video playback (using default Media Player in Fullscreen mode with 150nits brightness and default volume level), or Google Power Load Test (PLT) battery-life benchmark tests.
Actual battery life will vary depending on many factors such as product configuration, software, wireless functionality, power management settings, and screen brightness.
The maximum capacity of the battery will decrease with time, ambient temperature and use.
Refer to [Microsoft® link](#) for more information about the Windows® Performance power slider.

Power Adapter

- Power Adapter**[1]
- 45W USB-C® (2-pin) AC adapter, supports PD 3.0, 100-240V, 50-60Hz^[2]
 - 45W USB-C® (3-pin) AC adapter, supports PD 3.0, 100-240V, 50-60Hz^[3]
 - 65W USB-C® (2-pin) 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
 - 65W USB-C® slim (2-pin) AC adapter, supports PD 3.0, 100-240V, 50-60Hz^[4]
 - 65W USB-C® slim (3-pin) AC adapter, supports PD 3.0, 100-240V, 50-60Hz^[5]

Notes:

[1] AC adapter offerings depend on the country.
[2], [3] 45W USB-C® AC adapter is NOT available in EMEA.
[4], [5] 65W USB-C® slim AC adapter is NOT available in EMEA.

DESIGN

Display

Display**[1]

Size	Resolution	Touch	Type	Brightness	Surface	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle (L/R/U/D)	Key Features
13.3"	WUXGA (1920x1200)	Multi-touch	IPS	300nits	Anti-reflection, anti-smudge	16:10	1000:1	100% sRGB	85° / 85° / 85° / 85°	-
13.3"	WUXGA (1920x1200)	Multi-touch	IPS	500nits	Anti-glare, anti-smudge	16:10	1000:1	72% NTSC	85° / 85° / 85° / 85°	ThinkPad® Privacy Guard

Touchscreen

OGS (One Glass Solution) multi-touch, supports 10-point touch

Notes:

[1] IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.

Multi-mode

Multi-mode

Laptop, tent, stand, and tablet modes supported by 360° hinge

Input Device

Pen

- Lenovo® Integrated Pen, with built-in rechargeable battery, 4096 levels of pressure sensitivity, on-board garaged and rechargeable
- No pen^[1]

Keyboard

6-row, spill-resistant, multimedia Fn keys with Unified Communications controls

Keyboard Backlight

- LED backlight
- Non-backlight

UltraNav™

TrackPoint® pointing device and Mylar® surface multi-touch touchpad, 56 x 115 mm (2.24 x 4.53 inches)

Notes:

[1] Customer needs to purchase an external pen separately.

Mechanical

Dimensions (WxDxH)^[1]

305 x 218 x 17.1 mm (12.0 x 8.58 x 0.67 inches)

Weight^[2]

Starting at 1.32 kg (2.92 lbs)

Case Color**

- Storm grey
- Thunder black

Case Material

Aluminium (top), GFRP (bottom)

Notes:

[1] The system dimensions may vary depending on configurations.

[2] The system weight is approximate and based on results in Lenovo® lab, which varies depending on the source of component, variance of the distribution of each component, and manufacturing process. It may not be the exact weight for each specific model.

CONNECTIVITY

Network

Ethernet^[1]

No onboard Ethernet

WLAN + Bluetooth®**^[2]

- Intel® Wi-Fi® 6 AX201, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.1^[3]
- Intel® Wi-Fi® 6E AX211, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.1^[4]

WWAN**

- Wireless WAN upgradable to 4G (with antenna ready)
- Quectel EM05-G, 4G LTE CAT4, M.2 card
- Fibocom L860-GL-16, 4G LTE CAT16, M.2 card^[5]
- No support

SIM Card

- Gemalto eSIM card (physical)
- No physical SIM card inbox

NFC

- Near Field Communication
- No support

Notes:

[1] Ethernet support via optional Lenovo® USB-C® to Ethernet Adapter.

[2] Bluetooth® may operate at a lower version than hardware design depending on the factors such as operating system, driver, etc.

[3] Wi-Fi® 6 full features might be limited by country-level restrictions.

[4] Wi-Fi® 6E full features might be limited by country-level restrictions.

Wi-Fi® 6E is only enabled on Windows® 11 and operates as Wi-Fi® 6 with Windows® 10.

6GHz Wi-Fi® 6E operation is dependent on the support of the operating system, routers/APs/Gateways that support Wi-Fi® 6E, and the regional regulatory certifications & spectrum allocation.

[5] Fibocom L860-GL CAT16 is special bid only in EMEA.

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® 2.1, up to 4K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)

Optional Ports***

- 1x Smart card reader
- 1x Nano-SIM card slot (WWAN support models)

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;

USB4® 20Gbps / USB 3.2 Gen 2x2 (SuperSpeed USB 20Gbps): 20 Gbit/s;

USB4® 40Gbps (USB 40Gbps): 40 Gbit/s;

Thunderbolt™ 3/4: 40 Gbit/s.

Docking

Docking

Various docking solutions supported via Thunderbolt™ or USB-C®.

For more compatible docking solutions, please visit [Docking for ThinkPad® L13 Yoga® Gen 3 \(Intel®\)](#)

SECURITY & PRIVACY

Security

Security Chip

Discrete TPM 2.0, TCG certified, FIPS 140-2 certified

Physical Locks

Kensington® Nano Security Slot™, 2.5 x 6 mm

Smart Card Reader

- Smart card reader, supports ISO 7816 and EMV
- No smart card reader

Fingerprint Reader

- Touch style fingerprint reader integrated in power button, match-on-chip
- No fingerprint reader

BIOS Security

- Supervisor password
- Power-on password
- NVMe® password
- Self-healing BIOS

Other Security

- Privacy Guard with Privacy Alert (models with ThinkPad® Privacy Guard display)
- (Optional) IR camera for Windows® Hello (facial recognition)
- Camera privacy shutter
- Glance by Mirametrix®

MANAGEABILITY

System Management

System Management

- Intel® vPro® Enterprise^[1]
- Non-vPro®

Notes:

[1] Intel® vPro® offers a superset of DASH's defined capabilities.

SERVICE

Warranty

Base Warranty**

- 1-year courier or carry-in service
- 1-year limited onsite service
- 3-year (1-yr battery) courier or carry-in service
- 3-year (1-yr battery) limited onsite service

ACCESSORIES

Bundled Accessories

Bundled Accessories***^[1]

- Lenovo® HDMI® to VGA Monitor Adapter
- Lenovo® USB-C® to DisplayPort™ Adapter
- Lenovo® USB-C® to Ethernet Adapter (1Gbps)
- Lenovo® USB-C® to HDMI® Adapter
- Lenovo® USB-C® to USB-A Adapter
- Lenovo® USB-C® to USB-C® Cable 2m
- Lenovo® USB-C® to VGA Adapter
- None

Notes:

[1] For more compatible accessory solutions, please visit [Accessories for ThinkPad® L13 Yoga® Gen 3 \(Intel®\)](#).

OPERATING REQUIREMENTS

Operating Environment

Temperature^[1]

- Operating: 5°C (41°F) to 35°C (95°F)
- Storage and transportation in original shipping package: -20°C (-4°F) to 60°C (140°F)
- Storage without package: 5°C (41°F) to 43°C (109°F)

Relative Humidity

- Operating: 8% to 95% at wet-bulb temperature 23°C (73°F)
- Storage and transportation: 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).

ENVIRONMENTAL

Sustainability

Material

50% PCC recycled plastic used in speaker enclosure
30% PCC recycled plastic used in the battery pack enclosure
95% PCC recycled plastic used in standard 65W adapter
Low-temperature solder
90% recycled and/or sustainable packaging

CERTIFICATIONS

Green Certifications^[1]

Green Certifications^[2]

- ENERGY STAR® 8.0
- EPEAT™ Gold Registered^[3]
- ErP Lot 3
- RoHS compliant
- TCO Certified 9.0

Notes:

[1] The items listed under the "Green Certifications" section may not only refer to certification but also registration or self-declaration. For ESG & regulatory compliance documents, please visit <https://compliance.lenovo.com>.

[2] EPEAT™ registration and ENERGY STAR® certification are dependent on system OS. Please visit epeat.net and energystar.gov for more information.

[3] EPEAT™ is registered where applicable, please visit epeat.net for registration status by country.

Other Certifications

Mil-Spec Test

MIL-STD-810H military test passed

- 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.
- Lenovo reserves the right to change specifications or other product information without notice. Lenovo is not responsible for photographic or typographical errors. LENOVO PROVIDES THIS PUBLICATION "AS IS," WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Some jurisdictions do not allow disclaimer of express or implied warranties in certain transactions, therefore this disclaimer may not apply to you.
- The specifications on this page may not be available in all regions, and may be changed or updated without notice.



intel



intel



intel



intel



intel



intel