OVERVIEW

1. Power button	5. Thunderbolt 4
2. Volume button	6. Nano-SIM card slot*
3. Kensington Nano Security Slot	7. USB-C 3.2 Gen 2
4. Headphone / microphone combo jack (3.5mm)	

Notes:

- Items with * are only available on selected models
- Pogo pin connector (8-point) not shown on the sample product above

PERFORMANCE

Processor

Processor Family

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

Processor**

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Processor Graphics
Core i3-1110G4	2	4	2.5GHz	3.9GHz	6MB	Intel® UHD Graphics
Core i5-1130G7	4	8	1.8GHz	4.0GHz	8MB	Intel® Iris® Xe Graphics[1]
Core i5-1140G7	4	8	1.8GHz	4.2GHz	8MB	Intel® Iris® Xe Graphics[2]
Core i7-1160G7	4	8	2.1GHz	4.4GHz	12MB	Intel® Iris® Xe Graphics[3]
Core i7-1180G7	4	8	2.2GHz	4.6GHz	12MB	Intel® Iris® Xe Graphics[4]

Notes:

[1], [2], [3], [4] Intel® Iris® Xe Graphics capability requires system to be configured with dual-channel memory. On the system with single-channel memory, Intel® Iris® Xe Graphics will function as Intel® UHD Graphics.

Operating System

Operating System**

- Windows® 11 Pro
- Windows® 11 Home
- Windows® 11 Home Single Language
- Windows® 11 DG Windows® 10 Pro 64
- Windows® 10 Pro 64
- Windows® 10 Home 64
- Windows® 10 Home 64 Single Language
- No preload operating system

Graphics

Graphics**

Graphics	Type	Memory	TGP	Key Features
Intel® UHD Graphics	Integrated	Shared	Share CPU TDP	DirectX® 12
Intel® Iris® Xe Graphics[1]	Integrated	Shared	Share CPU TDP	DirectX® 12.1

Notes:

[1] Intel® Iris® Xe Graphics capability requires system to be configured with dual-channel memory. On the system with single-channel memory, Intel® Iris® Xe Graphics will function as Intel® UHD Graphics.

Monitor Support

Monitor Support

Supports up to 3 independent displays via native display and 2 external monitors; supports external monitors via USB-C® (5120x3200@60Hz) or Thunderbolt™ (5120x3200@60Hz)

Chipset

Chipset

Intel® SoC (System on Chip) platform

Memory

Max Memory

- 4GB soldered LPDDR4x-3733, not upgradable
- 8GB soldered LPDDR4x-4266, not upgradable
- 16GB soldered LPDDR4x-4266, not upgradable

Memory Type**

- LPDDR4x-3733

- LPDDR4x-4266[1]

Notes:

[1] 8GB or 16GB LPDDR4x-4266 soldered, dual-channel.

Storage

Storage Support[1]

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

Storage Type

Disk Type	Interface	Offering
M.2 2242 SSD	PCIe® NVMe®, PCIe® 3.0 x4	128GB / 256GB / 512GB / 1TB

Notes:

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

Multi-Media

Speakers

Stereo speakers, Realtek® ALC3306-GRT codec, 1W x2, Dolby Audio™

Microphone

Dual-microphone array, 360° far-field for Cortana, near-field for Alexa

Camera

Front 5.0MP + IR hybrid user-facing camera, privacy shutter, fixed focus
Rear 8.0MP, autofocus

Sensor

Vibration Motor

No support

Sensors

- Accelerometer (G) sensor
- Gyroscope sensor
- Hall sensor
- Inclinometer sensor
- Proximity (P) sensor (WWAN models)

Battery

Battery

Integrated Li-Polymer 42Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter

Max Battery Life[1]

MobileMark® 2018: 10.36 hr
JEITA 2.0: 12.42 hr

Notes:

[1] 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 depending 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**

- 45W USB-C® (2-pin) AC adapter, supports PD 3.0, 100-240V, 50-60Hz
- 45W USB-C® (3-pin) AC adapter, supports PD 3.0, 100-240V, 50-60Hz
- 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
- 65W USB-C® slim (3-pin) AC adapter, supports PD 3.0, 100-240V, 50-60Hz

- No power adapter

DESIGN

Display

Display

Size	Resolution	Touch	Type	Brightness	Surface	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle (L/R/U/D)	Key Features
12.3″	FHD+ (1920x1280)	Multi-touch	IPS[1]	400nits	Anti-reflection, anti-smudge	3:2	1500:1	100% sRGB	178°	Corning® Gorilla® Glass 5

Touchscreen

GF2 multi-touch, supports 10-point touch

Notes:

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

Input Device

Pen**[1]

- Lenovo® Digital Pen with replaceable AAAA alkaline battery, 4096 levels of pressure sensitivity. For more information, please read Lenovo® Digital Pen Overview
- Lenovo® Digital Pen without replaceable AAAA alkaline battery, 4096 levels of pressure sensitivity. For more information, please read Lenovo® Digital Pen Overview
- Lenovo® Precision Pen, 4096 levels of pressure sensitivity, magnetically attached to the system. For more information, please read Lenovo® Precision Pen Overview
- No pen (purchase separately)

Notes:

[1] Lenovo® Precision Pen: might not be installed with an AAAA alkaline battery.

Mechanical

Dimensions (WxDxH)[1]

Models	Dimensions
Tablet	Tablet: 283.3 x 203.5 x 8.8 mm (11.15 x 8.01 x 0.34 inches)
Tablet with folio keyboard	Tablet: 283.3 x 203.5 x 8.8 mm (11.15 x 8.01 x 0.35 inches) Folio keyboard: 283.3 x 217.8 x 5.7 mm (11.15 x 8.57 x 0.22 inches) Total: 283.3 x 208.1 x 14.5 mm (11.15 x 8.19 x 0.57 inches)

Weight[2]

Models	Weight
Tablet	Tablet: around 760 g (1.67 lbs)
Tablet with folio keyboard	Tablet: around 760 g (1.67 lbs) Folio keyboard: 340 g (0.75 lbs) Total: 1,100 g (2.42 lbs)

Case Color

Black

Case Material[3]

Magnesium-aluminium

Others

- Hinge open angle: 170°
- Kensington® Nano Security Slot™

Buttons

- Power button

- Volume button

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.
[3] Surface treatment: Peachskin paint.

CONNECTIVITY

Network

WLAN + Bluetooth®[1]

Intel® Wi-Fi® 6 AX201, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.1, MU-MIMO[2]

WWAN

- Fibocom L850-GL, 4G LTE CAT9, M.2 card
- No support

SIM Card

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

NFC

- Near Field Communication
- No support

Wi-Fi® Direct

Support

Wi-Fi® Display

Support

Location Services**

Models	Location
WLAN models	No location service
WWAN models	GPS + GLONASS + A-GPS

Notes:

[1] Bluetooth® 5.2 is hardware ready but may run at a lower version due to OS limitations.
[2] Wi-Fi® 6 full features might be limited by country-level restrictions.

Ports[1]

Standard Ports

- 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 Headphone / microphone combo jack (3.5mm)
- 1x Pogo pin connector (8-point)

Optional Ports

1x Nano-SIM card slot (WWAN 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.

SECURITY & PRIVACY

Security

Security Chip

Discrete TPM 2.0, TCG certified

Fingerprint Reader

- Touch style fingerprint reader on folio keyboard, match-on-chip
- No fingerprint reader

BIOS Security

- Supervisor password
- Power-on password
- System management password
- Hard disk password
- Self-healing BIOS

MANAGEABILITY

System Management

System Management

- Intel® vPro®[1]
- Non-vPro®

Notes:

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

SERVICE

Warranty

Base Warranty**[1]

- 1-year courier or carry-in service
- 1-year courier or carry-in with 2-year system board service (Korea only)
- 1-year limited onsite service
- 3-year (1-yr battery) courier or carry-in service
- 3-year (1-yr battery) limited onsite service
- No base warranty

Notes:

[1] The warranty upgrades may be bundled with some models, please check the "Included upgrade" column in the specific model's configurations. For more service extensions, please go to https://smartfind.lenovo.com/. To learn more details of warranty policy, please access https://pcsupport.lenovo.com/warranty.

ACCESSORIES

Bundled Accessories

Bundled Accessories*

- Lenovo® USB-C® Port Replicator
- Lenovo® USB-C® to Ethernet Adapter (1Gbps)
- Lenovo® USB-C® to HDMI® Adapter
- Lenovo® USB-C® to VGA Adapter
- ThinkPad® X12 Folio Keyboard, with touchpad (pogo pin, detachable), 3-level backlight
- None

OPERATING REQUIREMENTS

Operating Environment

Temperature[1]

- Operating: 5°C (41°F) to 35°C (95°F)
- Storage and transportation in original shipping packaging: -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).

CERTIFICATIONS

Green Certifications[1]

Green Certifications

- ENERGY STAR® 8.0
- EPEAT™ Gold Registered[2]
- ErP Lot 3
- FAA certified
- Low Halogen
- RoHS compliant
- TCO Certified 8.0

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™ 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.
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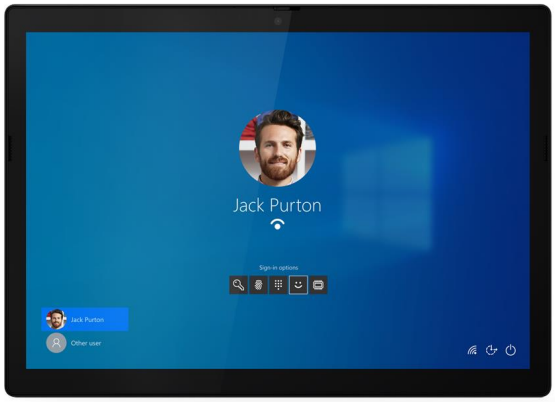
Jack Purton