

PERFORMANCE

Processor

Processor Family

11th Generation Intel® Core™ i5 / i7 Processor

Processor

| Processor Name | Cores | Threads | Base Frequency | Max Frequency | Cache | Memory Support | Processor Graphics |
|----------------|-------|---------|----------------|---------------|-------|----------------|-------------------------|
| Core i5-1130G7 | 4 | 8 | 1.8GHz | 4.0GHz | 8MB | LPDDR4x-4266 | Intel Iris® Xe Graphics |
| Core i5-1140G7 | 4 | 8 | 1.8GHz | 4.2GHz | 8MB | LPDDR4x-4266 | Intel Iris Xe Graphics |
| Core i7-1160G7 | 4 | 8 | 2.1GHz | 4.4GHz | 12MB | LPDDR4x-4266 | Intel Iris Xe Graphics |
| Core i7-1180G7 | 4 | 8 | 2.2GHz | 4.6GHz | 12MB | LPDDR4x-4266 | Intel Iris Xe Graphics |

Operating System

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

Monitor Support

Supports up to 4 independent displays via native display and 3 external monitors; supports external monitors via Thunderbolt™ (5120x3200@60Hz)

Memory

Memory Type

LPDDR4x-4266, PoP (Package on Package) memory

Memory Slots

Memory soldered to systemboard, no slots

Max Memory

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

Notes:

- 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

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

Storage Type

| Disk Type | Interface | RPM | Security |
|--------------|------------------------|-----|----------|
| M.2 2242 SSD | PCIe NVMe, PCIe 3.0 x4 | - | - |

Multi-Media

Audio Chip

High Definition (HD) Audio, Realtek® ALC3286 codec

Speakers

Stereo speakers, 2W x2, Dolby® Atmos®

Microphone

Four array microphones

Camera

IR & 720p, with privacy shutter, fixed focus

Sensor

Sensors

- Gyroscope sensor
- Accelerometer (G) sensor
- Proximity sensor (WWAN model)
- ToF sensor

Battery**Battery**

Integrated Li-Polymer 44.5Wh battery

Max Battery Life

MobileMark® 2018: 11.7 hr

JEITA 2.0: 16.8 hr

Notes:

- All battery life claims are approximate maximum and based on results using the MobileMark 2014 and/or MobileMark 2018 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

65W USB-C slim AC adapter

DESIGN**Display****Display**

| Size | Resolution | Touch | Type | Brightness | Surface | Aspect Ratio | Contrast Ratio | Color Gamut | Viewing Angle | Key Features |
|-------|-----------------|-------------|------|------------|------------------------------|--------------|----------------|-------------|---------------|---------------|
| 13.5" | QHD (2256x1504) | Multi-touch | IPS | 450 nits | Anti-reflection, Anti-smudge | 3:2 | 1200:1 | 72% NTSC | 170° | Dolby Vision™ |

Notes:

- 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>

Touchscreen

Capacitive-type multi-touch, supports 10-point touch

Multi-mode

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

Input Device**Pen**

- Lenovo Precision Pen, magnetically attached to the system
- No pen (pen needs to be purchased separately)

Keyboard

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

Keyboard Backlight

LED backlight

UltraNav™

TrackPoint® pointing device and Mylar® surface multi-touch touchpad

Mechanical**Dimensions (WxDxH)**

297.5 x 232.7 x 11.5 mm (11.71 x 9.16 x 0.45 inches)

Weight

| Models | Weight |
|-------------|--------------------|
| WLAN models | 1.15 kg (2.54 lbs) |
| WWAN models | 1.18 kg (2.60 lbs) |

Case Color

Titanium

CONNECTIVITY

Network

Onboard Ethernet

Gigabit Ethernet, RJ45 via optional Lenovo USB-C to Ethernet Adapter

WLAN + Bluetooth™

Intel Wi-Fi 6 AX201, 802.11ax 2x2 Wi-Fi + Bluetooth 5.1

WWAN

- Integrated Mobile Broadband 4G LTE-A, Fibocom L850-GL, M.2 card
- Qualcomm® Snapdragon™ X55 5G Modem M.2 card - RF System with embedded eSIM functionality
- Not Support

SIM Card

- Gemalto eSIM
- No SIM card

Ports

Standard Ports

- 2x Thunderbolt 4 / USB4™ 40Gbps (support data transfer, Power Delivery 3.0 and DisplayPort™ 1.4a)
- 1x headphone / microphone combo jack (3.5mm)

Notes:

- Depending on many factors, actual data transfer speed may be lower than theoretical speed

Optional Ports

- 1x Nano-SIM card slot (WWAN models)
- None

Monitor Cable

- Lenovo USB-C to HDMI® Adapter
- Lenovo USB-C to VGA Adapter
- No monitor cable

SECURITY & PRIVACY

Security

Security Chip

- Discrete TPM 2.0, TCG certified
- Firmware TPM 2.0 integrated in chipset
- Disabled (in some regions)

Physical Locks

Kensington® Nano Security Slot

Fingerprint Reader

Touch style fingerprint reader on the top right of keyboard bezel with Prometheus slim type sensor, match-on-chip

BIOS Security

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

Other Security

- Camera privacy shutter
- IR camera for Windows Hello
- Human Presence Detection

MANAGEABILITY

System Management

- Intel vPro Technology, DASH
- None

SERVICE

Warranty

Base Warranty

- 1-year depot service
- 1-year limited onsite service
- 1-year depot with 2-year system board service
- 1-year + 2-year depot service
- 1-year + 2-year limited onsite service
- 3-year (1-yr battery) depot service
- 3-year (1-yr battery) limited onsite service
- No base warranty

ACCESSORIES

Bundled Accessories

- Lenovo USB-C to Ethernet Adapter
- Lenovo USB-C to USB-A Adapter
- Lenovo USB-C Port Replicator
- None

CERTIFICATIONS

Green Certifications

- EPEAT™ Gold
- ENERGY STAR® 8.0
- TCO
- RoHS compliant

Other Certifications

Mil-Spec Test

MIL-STD-810H military test passed

Other Certifications

- Intel Evo Platform
- None



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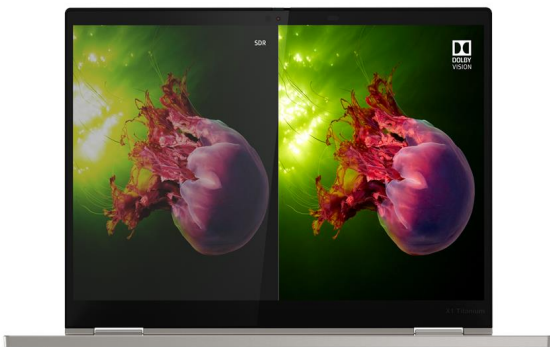
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