

## IdeaPad 1 14IGL7

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## Overview

## Performance

- + Processor
  - Operating System
  - Graphics
  - Monitor Support
  - Chipset
- + Memory
- + Storage
  - Removable Storage
- + Multi-Media
- + Battery
  - Power Adapter

## Design

- + Display
- + Input Device
- + Mechanical

## Connectivity

- + Network
  - Ports

## Security &amp; Privacy

- + Security

## Service

- Warranty

## Environmental

- + Operating
  - Environment

## Certifications

- Green Certifications

## Overview



1. Card reader	5. HDMI 1.4b
2. USB 2.0	6. USB-C 3.2 Gen 1 (support data transfer only)
3. Power connector	7. Headphone / microphone combo jack (3.5mm)
4. USB 3.2 Gen 1	

## Performance

## Processor

## Processor Family

Intel® Celeron® or Intel Pentium® Processor

## Processor\*\*

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Processor Graphics
Celeron N4020	2	2	1.1GHz	2.8GHz	4MB	Intel UHD Graphics 600
Celeron N4120	4	4	1.1GHz	2.6GHz	4MB	Intel UHD Graphics 600
Pentium Silver N5030	4	4	1.1GHz	3.1GHz	4MB	Intel UHD Graphics 605

## Operating System

Operating System\*\*<sup>[1]</sup>

- Windows® 11 Pro
- Windows 11 Home
- Windows 11 Home in S mode
- Windows 11 Home Single Language
- Windows 11 Home Single Language in S mode
- No operating system

## Notes:

1. 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 600	Integrated	Shared	Share CPU TDP	DirectX® 12
Intel UHD Graphics 605	Integrated	Shared	Share CPU TDP	DirectX 12

## Monitor Support

## Monitor Support

Supports up to 2 independent displays (native display and 1 external monitor via HDMI\*)

- HDMI supports up to 4096x2160@30Hz

## Chipset

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Intel SOC (System on Chip) platform

Memory

Max Memory<sup>[1]</sup>

- Up to 8GB (8GB SO-DIMM) DDR4-2400 offering
- 4GB soldered memory, not upgradable

Memory Slots\*\*

- One DDR4 SO-DIMM slot
- Memory soldered to systemboard, no slots

Memory Type

DDR4-2400

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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<sup>[1]</sup>

- One drive, up to 256GB M.2 2242 SSD or 512GB M.2 2280 SSD
- 64GB eMMC 5.1 on systemboard
- 128GB eMMC 5.1 on systemboard

Storage Slot

- eMMC on systemboard, no slots (eMMC models)
- Non-eMMC models: one M.2 slot
  - One M.2 2280 PCIe® 2.0 slot

Storage Type\*\*<sup>[2]</sup>

Disk Type	Interface	Offering
Flash Memory	eMMC 5.1	64GB / 128GB
M.2 2242 SSD	PCIe NVMe®, PCIe 3.0 x4	128GB / 256GB
M.2 2280 SSD	PCIe NVMe, PCIe 3.0 x4	512GB

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Notes:

1. The storage capacity supported is based on the test results with current Lenovo storage offerings. The system may support larger storage as the technology develops.
2. System has one eMMC on systemboard or one M.2 2242/2280 SSD exclusively.  
The SSD with PCIe 3.0 x4 is downgraded to closer to PCIe 2.0 due to Intel platform limitations.

Removable Storage

Card Reader

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

Multi-Media

Audio Chip

High Definition (HD) Audio

Speakers

Stereo speakers, 1.5W x2, Dolby® Audio™

Microphone

Dual-microphone array

Camera

HD 720p, with privacy shutter, fixed focus

Battery

Battery

Integrated Li-Polymer 42Wh battery, supports Rapid Charge Boost (get 2 hours of runtime with a 15-minute charge)

Max Battery Life<sup>[1]</sup>

Local video (1080p) playback@150nits: 11 hr

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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 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

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45W round tip (3-pin) AC adapter, 100-240V, 50-60Hz

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Design

Display

Display\*\*<sup>[1]</sup>

Size	Resolution	Touch	Type	Brightness	Surface	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle (L/R/U/D)
14"	HD (1366x768)	None	TN	220 nits	Anti-glare	16:9	400:1	45% NTSC	45°/45°/20°/40°
14"	FHD (1920x1080)	None	TN	220 nits	Anti-glare	16:9	400:1	45% NTSC	45°/45°/15°/35°
14"	FHD (1920x1080)	None	IPS	250 nits	Anti-glare	16:9	700:1	45% NTSC	85°/85°/85°/85°

Touchscreen

Non-touch

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Notes:

1. California Electronic Waste Recycling Fee  
In California USA, 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, please go to <https://www.calrecycle.ca.gov/Electronics/Consumer>

Input Device

Keyboard

6-row, multimedia Fn keys

Keyboard Backlight

Non-backlight

Touchpad

Buttonless Mylar® surface multi-touch touchpad, supports Precision TouchPad (PTP), 62 x 104 mm (2.44 x 4.09 inches)

Mechanical

Dimensions (WxDxH)<sup>[1]</sup>

325.3 x 216.5 x 17.9 mm (12.8 x 8.52 x 0.70 inches)

Weight<sup>[2]</sup>

Starting at 1.3 kg (2.87 lbs)

Case Color\*\*

- Abyss blue
- Cloud grey
- Sand

Surface Treatment

IMR (in-mold decoration by roller)

Case Material

PC-ABS (top), PC-ABS (bottom)

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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

No onboard Ethernet

WLAN + Bluetooth\*\*\*<sup>[1]</sup>

- 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

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Ports<sup>m</sup>

Standard Ports

- 1x USB 2.0
- 1x USB 3.2 Gen 1
- 1x USB-C® 3.2 Gen 1 (support data transfer only)
- 1x HDMI 1.4b
- 1x Card reader
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Power connector

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

Firmware TPM 2.0 integrated in SoC

Fingerprint Reader

- Touch style fingerprint reader integrated in power button
- No fingerprint reader

BIOS Security

- Administrator password
- Power-on password
- Hard disk password (non-eMMC models only)

Other Security

Camera privacy shutter

Service

Warranty<sup>m</sup>

Base Warranty\*\*

- 1-year courier or carry-in service
- 1-year mail-in service
- 1-year courier or carry-in with 2-year system board service (Korea only)
- 2-year (1-yr battery) courier or carry-in service
- 3-year (1-yr battery) courier or carry-in service

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>.

Environmental

Operating Environment

Temperature<sup>m</sup>

- 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)

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Green Certifications

- ENERGY STAR® 8.0
- ErP Lot 3
- RoHS compliant

Notes:

1. The items listed under the "Green Certifications" section may not only refer to certification but also registration or self-declaration.

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