

# IdeaPad Flex 3 11IGL05 82B2004KUS

**Product**

IdeaPad Flex 3 11IGL05

**Region**

NA

**Country/Region**

USA

**Machine Type**

82B2

**TopSeller**

No

**Processor**

Intel Celeron N4020 (2C / 2T, 1.1 / 2.8GHz, 4MB)

**Graphics**

Integrated Intel UHD Graphics 600

**Chipset**

Intel SoC Platform

**Memory**

4GB Soldered DDR4-2400

**Storage**

128GB SSD M.2 2242 PCIe 3.0x2 NVMe

**Display**

11.6" FHD (1920x1080) IPS 250nits Glossy, Touch

**Touchscreen**

10-point Multi-touch

**Pen**

None

**Optical**

None

**Card Reader**

MicroSD Card Reader

**Ethernet**

None

**WLAN + Bluetooth**

11ac, 2x2 + BT5.0

**Bundled Accessories**

None

**Camera**

720p

**Microphone**

Mono

**Case Color**

Platinum Grey

**Surface Treatment**

IMR (In-Mold Decoration by Roller)

**Case Material**

PC + ABS (Top), PC + ABS (Bottom)

**Keyboard**

Non-backlit, English

**Fingerprint Reader**

None

**NFC**

None

**Security Chip**

Firmware TPM 2.0

**Battery**

Integrated 37.5Wh

**Power Adapter**

45W Round Tip (2-pin, Wall-mount)

**Operating System**

Windows 10 Home in S mode, English

**Bundled Software**

Microsoft 365 Personal

**Base Warranty**

1-year, Depot

**Included Upgrade**

None

**EAN / UPC / JAN**

195713831369

**End of Support**

2026-01-14

**Announce Date**

2021-02-03

**Recommended Services****Best**

3Y Premium Care with Onsite upgrade from 1Y Courier/Carry-in (5WS0T73723)

**Better**

3Y Onsite upgrade from 1Y Courier/Carry-in (5WS0K75721)

**Good**

3Y Courier/Carry-in upgrade from 1Y Courier/Carry-in (5WS0K75704)

**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>

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## OVERVIEW



1. Power button	5. USB 3.2 Gen 1
2. MicroSD card reader	6. HDMI 1.4b
3. USB 3.2 Gen 1	7. Headphone / microphone combo jack (3.5mm)
4. Power connector	

## PERFORMANCE

### Processor

#### Processor Family

Intel® Celeron® or Intel Pentium® Processor

#### Processor

Processor Name	Cores	Threads	Base Frequency	Max Frequency	Cache	Memory Support	Processor Graphics
Celeron N4000	2	2	1.1GHz	2.6GHz	4MB	DDR4-2400	Intel UHD Graphics 600
Celeron N4020	2	2	1.1GHz	2.8GHz	4MB	DDR4-2400	Intel UHD Graphics 600
Celeron N4120	4	4	1.1GHz	2.6GHz	4MB	DDR4-2400	Intel UHD Graphics 600
Pentium Silver N5030	4	4	1.1GHz	3.1GHz	4MB	DDR4-2400	Intel UHD Graphics 605

### Operating System

#### Operating System

- Windows® 10 Home 64
- Windows 10 Home in S mode
- Windows 11 Home 64
- Windows 11 Home in S mode

### Graphics

#### Graphics

Graphics	Type	Memory	Key Features
Intel UHD Graphics 600	Integrated	Shared	DirectX® 12
Intel UHD Graphics 605	Integrated	Shared	DirectX 12

### Monitor Support

#### Monitor Support

Supports up to 2 independent displays via native display and 1 external monitor; supports external monitor via HDMI® (up to 1920x1080@60Hz)

### Chipset

#### Chipset

Intel SoC (System on Chip) platform

### Memory

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

4GB soldered memory, not upgradable

#### Memory Slots

Memory soldered to systemboard, no slots

#### Memory Type

DDR4-2400

#### 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

- 64GB eMMC 5.1 on systemboard

#### Storage Slot

- eMMC on systemboard, no slots (eMMC model)
- One M.2 2242 PCIe Gen 3x2 slot, supports M.2 2242 SSD (M.2 SSD model)

#### Storage Type

Disk Type	Interface	RPM	Offering	Security
Flash Memory	eMMC 5.1	-	64GB	-
M.2 2242 SSD	PCIe NVMe, PCIe 3.0 x2	-	128GB / 256GB	-

#### Notes:

1. System has one eMMC on systemboard or one M.2 2242 SSD exclusively

## Removable Storage

#### Optical

None

#### Card Reader

MicroSD card reader

## Multi-Media

#### Audio Chip

High Definition (HD) Audio

#### Speakers

Stereo speakers, 1.5W x2, Dolby® Audio™

#### Microphone

Single microphone

#### Camera

720p, with privacy shutter, fixed focus

## Sensor

#### Sensors

Accelerometer (G) sensor

## Battery

#### Battery

Integrated Li-Polymer 37.5Wh battery, supports Rapid Charge Boost (get 2 hours of runtime with a 15-minute charge)

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

- FHD model:
  - MobileMark® 2014: 11.2 hr
  - Local video (1080p) playback: 10 hr
- HD model:
  - MobileMark 2014: 12.8 hr
  - Local video (1080p) playback: 10.6 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 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

45W round tip (2-pin, wall-mount) AC adapter

## DESIGN

## Display

### Display<sup>[1]</sup>

Size	Resolution	Touch	Type	Brightness	Surface	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle	Key Features
11.6"	HD (1366x768)	Multi-touch	IPS	250 nits	Glossy	16:9	-	50% NTSC	-	-
11.6"	FHD (1920x1080)	Multi-touch	IPS	250 nits	Glossy	16:9	-	50% NTSC	-	-

### Touchscreen

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

### Multi-mode

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

### Notes:

1. California Electronic Waste Recycling Fee

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## Input Device

### Keyboard

6-row, multimedia Fn keys

### Keyboard Backlight

No support

### Touchpad

Buttonless Mylar® surface multi-touch touchpad

## Mechanical

### Dimensions (WxDxH)

Models	Dimensions
All models	281.7 x 198 x 17.5 mm (11.09 x 7.79 x 0.68 inches)

### Weight<sup>[1]</sup>

Models	Weight
All models	1.13 kg (2.49 lbs)

### Case Color

- Abyss blue
- Platinum grey

### Surface Treatment

IMR (in-mold decoration by roller)

### Case Material

PC + ABS (top), PC + ABS (bottom)

### Notes:

1. The system weight varies depending on configurations

## CONNECTIVITY

### Network

#### WLAN + Bluetooth®

802.11ac 2x2 Wi-Fi® + Bluetooth 5.0, M.2 card

### Ports<sup>[1]</sup>

## Standard Ports

- 2x USB 3.2 Gen 1
- 1x HDMI 1.4b
- 1x microSD 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;  
USB 3.2 Gen 2x2 (SuperSpeed USB 20Gbps): 20 Gbit/s;  
Thunderbolt™ 3: 40 Gbit/s;  
FireWire 400: 400 Mbit/s;  
FireWire 800: 800 Mbit/s

# SECURITY & PRIVACY

## Security

### Security Chip

Firmware TPM 2.0 integrated in chipset

### Fingerprint Reader

No fingerprint reader

### BIOS Security

- Administrator password
- User password
- Master hard disk password
- User hard disk password

### Other Security

Camera privacy shutter

# SERVICE

## Warranty

### Base Warranty

- 1-year depot service
- 2-year (1-yr battery) depot service

# ENVIRONMENTAL

## Operating Environment

### Temperature<sup>[1]</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)

## Notes:

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

## CERTIFICATIONS

### Green Certifications

#### Green Certifications

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





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