# IdeaPad Flex 5 15IIL05 81X3002YGE

***Product***
IdeaPad Flex 5 15IIL05

***Region***
WE

***Country/Region***
Germany

***Machine Type***
81X3

***Processor***
Intel Core i7-1065G7 (4C / 8T, 1.3 / 3.9GHz, 8MB)

***Graphics***
NVIDIA GeForce MX330 2GB GDDR5

***Chipset***
Intel SoC Platform

***Memory***
16GB Soldered DDR4-3200

***Storage***
1TB SSD M.2 2280 PCIe NVMe

***Display***
15.6" HDR 400 UHD (3840x2160) IPS 500nits Glossy

***Touchscreen***
10-point Multi-touch

***Pen***
None

***Optical***
None

***Media Reader***
4-in-1 Card Reader

***Ethernet***
None

***WLAN + Bluetooth***
11ax, 2x2 + BT4.2

***Case Material***
Aluminium / Plastic (Top), PC / ABS (Bottom)

***Bundled Accessories***
None

***Camera***
720p

***Microphone***
2x, Array

***Color***
Graphite Grey

***Keyboard***
Backlit, German

***Fingerprint Reader***
Touch Style

***NFC***
None

***TPM***
None

***Battery***
Integrated 52.5Wh

***Power Adapter***
65W Round Tip

***Operating System***
Windows 10 Home 64, German

***Bundled Software***
Office Trial

***Base Warranty***
2-year, Depot

***Bundled Service***
None

***EAN / UPC / JAN***
195042386264

***End of Support***
2026-05-13

***Announce Date***
2020-04-13

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# IdeaPad Flex 5 15IIL05 Platform Specifications

*Product Specifications Reference (PSREF)*

**Processor**

10th Generation Intel® Core™ i3 / i5 / i7 Processor

| Processor Number | # of Cores | # of Threads | Base Frequency | Max Turbo Frequency | Cache | Memory Types | Processor Graphics |
|---|---|---|---|---|---|---|---|
| i3-1005G1 | 2 | 4 | 1.2 GHz | 3.4 GHz | 4MB | DDR4-3200 | Intel UHD Graphics |
| i5-1035G1 | 4 | 8 | 1.0 GHz | 3.6 GHz | 6MB | | |
| i7-1065G7 | | | 1.3 GHz | 3.9 GHz | 8MB | | Intel Iris® Plus Graphics |

**Graphics**

Intel UHD Graphics in processor, Intel Iris Plus Graphics in processor and NVIDIA GeForce MX330, 2GB GDDR5 memory;
supports external digital monitor via HDMI;
supports two independent displays;
Max resolution: 4096x2160 @30Hz (HDMI)

**Chipset**

Intel SoC (System on Chip) platform

**Memory**

16GB max / 3200MHz DDR4, soldered to systemboard, no sockets

**Display**

| Size | Resolution | Surface | Type | Brightness | Aspect Ratio | Color Gamut | HDR | Certified |
|---|---|---|---|---|---|---|---|---|
| 15.6" (396mm) | FHD (1920x1080) | Glossy | IPS | 250 nits | 16:9 | 45% | // | |
| | UHD (3840x2160) | | | 500 nits | | 72% | HDR 400 | VESA Certified |

**Multi-touch**

Capacitive-type, OGS (One Glass Solution) multi-touch, supports 10-finger gesture

**Hinge**

360 degree

**Pen**

*Optional*: Lenovo Digital Pen, with replaceable battery or without battery
(battery need to be purchased separately for the models without battery)

**Storage**

*One of the following, configurable by model:*
- M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 2
- M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4

**Optical**

None

**Ethernet**

None

**WLAN**

*One of the following, configurable by model:*
- 802.11ac, 2x2, Wi-Fi + Bluetooth 4.2, M.2 Card
- 802.11ax, 2x2, Wi-Fi + Bluetooth 4.2, M.2 Card

**Bluetooth™**

Bluetooth 4.2 wireless, integrated in Wi-Fi + Bluetooth combo adapter

**Dimensions**

*WxDxH*: 14.07" x 9.36" x 0.70 - 0.82"; 357.6mm x 237.9mm x 17.9 - 20.9mm

**Weight**

Start at 1.8 kg / 3.96 lb;

**Case color**

Graphite Grey or Platinum Grey

**Case material**

*Display cover*: Aluminium
*Bottom*: PC / ABS

**Media reader**

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

**Ports**

One USB Type-C™ (with the function of Power Delivery 3.0 only),
two USB 3.1 Type-A Gen 1 (one Always on),
one HDMI® 1.4b, 4-in-1 media reader (MMC, SD, SDHC, SDXC),
3.5mm (0.14inch) stereo audio / microphone combo jack (CTIA)
** Depending on many factors, actual data transfer speed may be lower than theoretical speed*

**Monitor cable**

None

**Bundled Accy**

None

**Camera**

HD720p camera with privacy shutter, fixed focus

**Audio support**

HD Audio, two speakers with Dolby® Atmos™ certification, 2W x 2 /
dual-array microphone,
3.5mm (0.14inch) stereo audio / microphone combo jack (CTIA)

**Keyboard**

6-row, multimedia Fn keys, numeric keyboard, optional 2 level LED backlight

**Touchpad**

Two buttons Mylar® (BoPET) surface multi-touch touchpad

**Security**

Power on password, Hard disk password

**Security chip**

None

**Fingerprint reader**

*Optional*: Touch style Match-on-Host fingerprint reader

**Light sensor**

None

**G-sensor**

Accelerometer sensor

**TV tuner**

None

**E-Compass**

None

**Gyroscope**

None

**Battery**

Integrated Li-Ion 52.5Wh battery,
supports Quick Charge (charge up to 80% in 1hr) and
Smart Charge (get 120 mins use from 15 mins charge)

**Max battery life**

*MobileMark® 2014*: Up to 10.5hrs
** Battery life varies significantly with settings, usage, & other factors*

**AC adapter**

*One of the following, configurable by model:*
- 65W USB Type-C
- 65W Round Tip
- 65W Round Tip (Wall Mount)

**Preload**

*Preloaded operating system:*
- Windows® 10 Home 64
- Windows 10 Home in S mode
- Windows 10 Pro 64

**Limited warranty**

*One of the following, configurable by model:*
- 1-year depot repair service
- 1-year depot with 2-year system board service
- 2-year/1-yr battery depot repair service

**Environment**

ENERGY STAR® 8.0; RoHS-compliant; ERP

Note: The specifications above may not be available in all regions.

Lenovo
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