IdeaPad Creator 5 15IMH05 82D4004PGE

Product
IdeaPad Creator 5 15IMH05

Region
WE

Country/Region
Germany

Machine Type
82D4

Processor
Intel Core i7-10750H (6C / 12T, 2.6 / 5.0GHz, 12MB)

Graphics
NVIDIA GeForce GTX 1650 4GB GDDR6

Chipset
Intel HM470

Memory
2x 8GB SO-DIMM DDR4-2933

Storage
512GB SSD M.2 2242 PCIe NVMe 3.0x4

Optane Memory
None

Display
15.6" FHD (1920x1080) IPS 500nits Anti-glare, 144Hz, 100% Adobe RGB Gamut

Touchscreen
None

Optical
None

Media Reader
None

Ethernet
100/1000M

WLAN + Bluetooth
11ax, 2x2 + BT5.0

Case Material
PC / ABS

Camera
720p

Microphone
2x, Array

Color
Dark Moss

Keyboard
Backlit, German

Fingerprint Reader
None

TPM
FW TPM 2.0

Battery
Integrated 45Wh

Power Adapter
135W Slim Tip

Operating System
Windows 10 Pro 64, German

Bundled Software
Office Trial

Base Warranty
2-year, Depot

Bundled Service
3Y Premium Care with Onsite upgrade from 2Y Depot/CCI (5WS0W84206)

EAN / UPC / JAN
195235126271

End of Support
2026-07-22

Announce Date
2020-05-20

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IdeaPad Creator 5 15IMH05 Platform Specifications

Product Specifications Reference (PSREF)

Processor

10th Generation Intel® Core™ i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i5-10300H	4	8	2.5 GHz	4.5 GHz	8MB	DDR4-2933	Intel UHD Graphics
i7-10750H	6	12	2.6 GHz	5.0 GHz	12MB		

Graphics

Integrated Graphics	Discrete Graphics (Memory)
Intel UHD Graphics	NVIDIA® GeForce® GTX 1650 (4GB GDDR6 memory)
	NVIDIA GeForce GTX 1650 Ti (4GB GDDR6 memory)

supports external digital monitor via HDMI;
supports dual independent display;
Max resolution: 4096x2160@60Hz (HDMI)

Chipset
Mobile Intel HM470 Chipset

Memory
32GB max / 2933MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets

Display
15.6" (396mm) FHD (1920x1080), IPS, anti-glare, LED backlight, 500 nits, 16:9 aspect ratio, 100% Adobe RGB gamut, refresh rate 144Hz

Multi-touch
None

Storage
Up to 2 drives:
- HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high
- M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 4
- M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4

Optical
None

Ethernet
Gigabit Ethernet connection

WLAN + Bluetooth™
One of the following, configurable by model:
- 802.11ac 2x2 Wi-Fi + Bluetooth 5.0, M.2 Card
- 802.11ax 2x2 Wi-Fi + Bluetooth 5.0, M.2 Card

Media reader
None

Ports
Two USB 3.1 Gen 1, one USB 3.1 Type-C Gen 1, HDMI 2.0, Ethernet (RJ-45), AC power adapter jack, headphone / microphone combo jack
** Depending on many factors, actual data transfer speed may be lower than theoretical speed*

Dimensions
WxDxH: 14.13" x 9.83" x 0.98"; 359mm x 249.6mm x 24.9mm

Weight
4.8 lb / 2.2 kg

Case color
Dark moss

Case material
PC/ABS plastic

Camera
720p HD, 1.0MP resolution, privacy shutter, fixed focus, integrated dual array microphone

Audio support
HD Audio, Dolby Audio™, stereo speakers, 1.5W x 2, dual array microphone, headphone / microphone combo jack

Keyboard
6-row, multimedia Fn keys, numeric keypad, white backlight

Touchpad
Buttonless Mylar surface multi-touch touchpad

Security
Power-on password, hard disk password, supervisor password

Security chip
Firmware TPM 2.0 integrated in chipset

Fingerprint reader
None

Battery
Integrated Li-Polymer 45Wh battery, supports Quick Charge (1 hour 80%)

Max battery life
MobileMark® 2014: 9.6 hr
** Battery life varies significantly with hardware configurations, settings, usage, & other factors*

AC adapter
135W slim tip AC adapter

Preload *(optional)*
Preloaded operating system
- Windows® 10 Home 64
- Windows 10 Pro 64

Preloaded applications (only some listed)
- Microsoft 365 Family
- Microsoft 365 Personal
- Microsoft Personal 2019
- Microsoft Professional 2019
- Microsoft Office Trial (with 30-day license)
- Microsoft Office Home and Student 2019
- Microsoft Office Home and Business 2019

Limited warranty
One of the following, configurable by model:
- 1-year mail-in repair service
- 1-year depot repair service
- 1-year depot repair with 2-year system board repair service
- 2-year depot repair service

Environment
ENERGY STAR® 8.0; ErP lot3; RoHS-compliant

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

Lenovo
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