ideapad 330 (15") Intel 81DE02BDPB

Product
ideapad 330-15IKBR

Region
EET

Country
Poland

Machine Type
81DE

Processor
Core i5-8250U (4C, 1.6 / 3.4GHz, 6MB)

Graphics
Integrated Intel UHD Graphics 620

Memory
4GB Soldered + 4GB DIMM DDR4-2133

Display
15.6" FHD (1920x1080) Anti-glare

Multi-touch
None

Storage
1TB 5400rpm

Optical
None

Ethernet
100/1000M

WLAN + Bluetooth
11ac, 1x1 + BT4.1

Color
Onyx Black

Camera
720p

Microphone
Monaural

Keyboard
Non-backlit

Fingerprint Reader
None

Battery
30Wh

Power Adapter
45W

Operating System
Windows 10 Home 64

Warranty
2-year, Depot

EAN / UPC
193268642287

Ann Date (mm/yy)
11/18

Notes:

Battery life is an estimated maximum. Actual battery life may vary based on many factors, including screen brightness, active applications, features, power management settings, battery age and conditioning, and other customer preferences.
https://www.lenovo.com/hk/en/battery-info

https://psref.lenovo.com
Visit psref website for the latest version of Product Specifcations Reference.

ideapad 330 (15") Intel Platform Specifications

Processor

15IKB: Intel® Celeron® Processor, Intel Pentium® Processor or 7th Generation Intel Core™ i3 / i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
Cel 3867U		2	1.8 GHz	-	2MB		Intel HD Graphics 610
Pen 4415U			2.3 GHz	-			
i3-7100U	2	4	2.4 GHz	-	3MB	DDR4-2133	Intel HD Graphics 620
i3-7130U			2.7 GHz	-			
i5-7200U			2.5 GHz	3.1 GHz			
i7-7500U			2.7 GHz	3.5 GHz	4MB		

15IKBR: 7th or 8th Generation Intel Core i3 / i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i3-7020U	2	4	2.3 GHz	-	3MB	DDR4-2133	Intel HD Graphics 620
i3-8130U			2.2 GHz	3.4 GHz	4MB		Intel UHD Graphics 620
i5-8250U	4	8	1.6 GHz	3.4 GHz	6MB		
i7-8550U			1.8 GHz	4.0 GHz	8MB		

15ICH: 8th Generation Intel Core i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i5-8300H	4	8	2.3 GHz	4.0 GHz	8MB	DDR4-2400	Intel UHD Graphics 630
i7-8750H	6	12	2.2 GHz	4.1 GHz	9MB		

15ICN: 8th Generation Intel Core i3 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i3-8121U	2	4	2.2 GHz	3.2 GHz	4MB	DDR4-2400	-

15IGM: Intel Celeron® Processor, Intel Pentium Processor or 6th Generation Intel Core i3 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
Cel N4000	2	2	1.1 GHz	2.6 GHz	4MB	DDR4-2400	Intel UHD Graphics 600
Cel N4100	4	4	1.1 GHz	2.4 GHz			
Pen N5000			1.1 GHz	2.7 GHz			Intel UHD Graphics 605
i3-6006U	2	4	2.0 GHz	-	3MB	DDR4-2133	Intel HD Graphics 520

Graphics

15IKB: Intel HD Graphics 610 / 620 in processor only,
Intel HD Graphics 610 / 620 in processor and AMD Radeon™ 530 (2GB or 4GB GDDR5 memory), or Intel HD Graphics 610 / 620 in processor and NVIDIA GeForce MX 110 / MX 130 (2GB GDDR5 memory)

15IKBR: Intel HD Graphics 620 or UHD Graphics 620 in processor only,
Intel HD Graphics 620 or UHD Graphics 620 in processor and AMD Radeon 530 (2GB or 4GB GDDR5 memory),
Intel HD Graphics 620 or UHD Graphics 620 in processor and NVIDIA GeForce MX 150 (2GB or 4GB GDDR5 memory)

15ICH: Intel UHD Graphics 630 and NVIDIA® GeForce® GTX 1050 (2GB or 4GB GDDR5 memory)

15ICN: AMD Radeon 540 (2GB GDDR5 memory)

15IGM: Intel HD Graphics 520, Intel UHD Graphics 600 or UHD Graphics 605 in processor only,
Intel HD Graphics 600 or UHD Graphics 605 in processor and AMD Radeon 530 (2GB GDDR5 memory)

supports external digital monitor via HDMI;
supports two independent displays;
Max resolution: 1920x1080@60Hz (HDMI)

Chipset 15ICH: Intel HM370 chipset; *others:* Intel SoC (System on Chip) platform

Memory
15IKB&IKBR: 16GB max / 2133MHz DDR4, dual-channel capable, optional 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket
15ICH: 16GB max / 2400MHz DDR4, dual-channel capable, optional 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket
15ICN: 12GB max / 2400MHz DDR4, dual-channel capable, optional 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket
15IGM: 8GB max / 2400MHz DDR4, one DDR4 SO-DIMM socket

Display
Some: 15.6" (396mm) HD (1366x768), anti-glare or glossy, LED backlight, 200 nits, 16:9 aspect ratio
Some: 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, 200 nits, 16:9 aspect ratio

Multi-touch (opt) On-cell touch, supports 10-finger multi-touch

Storage
Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high
Some: SSD / SATA 6.0Gb/s, 2.5" wide
Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s
Some: Intel Optane™ Memory, 16GB, M.2

Optical (optional) DVD burner, 9.0mm high, fixed, tray-in

Ethernet 10/100M or 100/1000M Ethernet connection

WLAN *One of the following, configurable by model:*
- 11ac, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card
- 11ac, 2x2, Wi-Fi + Bluetooth combo adapter, M.2 Card

Bluetooth™ Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter

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

Ports
15IGM: one USB 2.0, one USB 3.1 Gen 1 (USB 3.0), audio combo jack, security keyhole,Ethernet (RJ-45), HDMI 1.4a, AC power adapter jack
Others: two USB 3.1 Gen 1 (USB 3.0), one USB 3.1 Type-C Gen 1, audio combo jack, Ethernet (RJ-45), HDMI 1.4a, AC power adapter jack, security keyhole
* Depending on many factors, actual data transfer speed may be lower than theoretical speed

Dimensions *WxDxH:* 14.89" x 10.24" x 0.9"; 378mm x 260mm x 22.9mm

Weight 2.2 kg (4.85 lb)

Case color Blizzard white, platinum grey, onyx black, mid night blue, coral red, plum purple, or chocolate brown

Case material PC/ABS plastic

Camera
Some: 0.3MP resolution, fixed focus, with single microphone
Some: 720p HD, 1.0MP resolution, fixed focus, with dual array microphone
Some: 720p HD, 1.0MP resolution, fixed focus, with single microphone

Audio support HD Audio, stereo speakers with Dolby® Audio Certification, 1.5W x 2 / single microphone, audio combo jack

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

Touchpad One-piece multi-touch touchpad

Security Supervisor password, power-on password, hard-disk password (only Non- Intel Optane memory model), security keyhole

Security chip Firmware TPM 2.0

Fingerprint reader None

Battery Integrated Li-ion 30Wh, 35Wh or 45Wh battery

Max battery life *MobileMark® 2014:*
15IKB / IKBR / 15IGM: 5.5 hrs (*30Wh*) / 6 hrs (*35Wh*)
15ICH: 8 hrs (*45Wh*)
15ICN: 4.5 hrs (*35Wh*)
* Battery life varies significantly with settings, usage, & other factors

AC adapter
15ICH: 90W slim tip AC adapter
Others: 45W or 65W slim tip AC adapter

Preload (opt) Windows® 10 Home 64 or Windows 10 Pro 64

Limited warranty *One of the following, configurable by model:*
- 1-year Mail-in repair service
- 1-year depot repair service
- 2-year/1-yr battery depot repair service

Environment ErP Lot 3; ENERGY STAR® 6.1; RoHS-compliant

ideapad 330 (15") Intel