

ideapad 330 (15") Intel **81DE01MXGE**

Product
ideapad 330-15IKBR

Region
WE

Country
Germany

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
2TB 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
193124775579

Ann Date (mm/yy)
07/18

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>



WWW.LENOVO.COM

This publication was developed for products and services offered in the United States and E.M.E.A countries. Lenovo may not offer the products, services or features discussed in this document in other countries. Lenovo may withdraw an offering at any time. Information is subject to change without notice. Consult your local representative for information on offerings available in your area. Lenovo reserves the right to change specifications or other product information without notice. Lenovo is not responsible for photographic or typographical errors. Lenovo provides this publication "as is" without warranty of any kind, either express or implied, including the implied warranties of merchantability or fitness for a particular purpose.



<https://psref.lenovo.com>

Visit psref website for the latest version of Product Specifications Reference.

© Lenovo, 2019. All rights reserved.



Lenovo

ideapad 330 (15") Intel Platform Specifications

Product Specifications Reference (PSREF)

Processor	15IKB: Intel® Celeron® Processor, Intel Pentium® Processor or 7th Generation Intel Core™ i3 / i5 / i7 Processor							Chipset Memory	15ICH: Intel HM370 chipset; <i>others:</i> Intel SoC (System on Chip) platform		
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types		Processor Graphics	15IKB&IKBR: 16GB max / 2133MHz DDR4, dual-channel capable, optional 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket	
	Cel 3867U	2	2	1.8 GHz	-	2MB	DDR4-2133		Intel HD Graphics 610	15ICH: 16GB max / 2400MHz DDR4, dual-channel capable, optional 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket	
	Pen 4415U		4	2.3 GHz	-	3MB			Intel HD Graphics 620	15ICN: 12GB max / 2400MHz DDR4, dual-channel capable, optional 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket	
	i3-7100U			2.4 GHz	-					15IGM: 8GB max / 2400MHz DDR4, one DDR4 SO-DIMM socket	
	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									Display	<i>Some:</i> 15.6" (396mm) HD (1366x768), anti-glare or glossy, LED backlight, 200 nits, 16:9 aspect ratio
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types		Processor Graphics	<i>Some:</i> 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, 200 nits, 16:9 aspect ratio	
	i3-7020U	2	4	2.3 GHz	-	3MB	DDR4-2133		Intel HD Graphics 620	Multi-touch (opt) On-cell touch, supports 10-finger multi-touch	
	i3-8130U	4	8	2.2 GHz	3.4 GHz	4MB		Intel UHD Graphics 620	Storage	<i>Some:</i> HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high	
	i5-8250U			1.6 GHz	3.4 GHz	6MB			<i>Some:</i> SSD / SATA 6.0Gb/s, 2.5" wide		
	i7-8550U			1.8 GHz	4.0 GHz	8MB			<i>Some:</i> M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s		
	15ICH: 8th Generation Intel Core i5 / i7 Processor								Optical (optional)	<i>Some:</i> Intel Optane™ Memory, 16GB, M.2	
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	DVD burner, 9.0mm high, fixed, tray-in		
	i5-8300H	4	8	2.3 GHz	4.0 GHz	8MB	DDR4-2400	Intel UHD Graphics 630	Ethernet 10/100M or 100/1000M Ethernet connection		
	i7-8750H	6	12	2.2 GHz	4.1 GHz	9MB			WLAN	<i>One of the following, configurable by model:</i>	
	15ICN: 8th Generation Intel Core i3 Processor								Bluetooth™	11ac, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card 11ac, 2x2, Wi-Fi + Bluetooth combo adapter, M.2 Card Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter	
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	Media reader Ports	4-in-1 reader (MMC, SD, SDHC, SDXC)	
	i3-8121U	2	4	2.2 GHz	3.2 GHz	4MB	DDR4-2400	-		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	
	15IGM: Intel Celeron® Processor, Intel Pentium Processor or 6th Generation Intel Core i3 Processor									<i>Others:</i> 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	
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics		<i>* Depending on many factors, actual data transfer speed may be lower than theoretical speed</i>	
	Cel N4000	2	2	1.1 GHz	2.6 GHz	4MB	DDR4-2400	Intel UHD Graphics 600	Dimensions	WxDxH: 14.89" x 10.24" x 0.9"; 378mm x 260mm x 22.9mm	
	Cel N4100	4	4	1.1 GHz	2.4 GHz			Intel UHD Graphics 605	Weight	2.2 kg (4.85 lb)	
	Pen N5000			1.1 GHz	2.7 GHz			Case color	Blizzard white, platinum grey, onyx black, mid night blue, coral red, plum purple, or chocolate brown		
	i3-6006U	2	4	2.0 GHz	-	3MB	DDR4-2133	Intel HD Graphics 520	Case material	PC/ABS plastic	
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)								Camera	<i>Some:</i> 0.3MP resolution, fixed focus, with single microphone	
	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)								Audio support	<i>Some:</i> 720p HD, 1.0MP resolution, fixed focus, with dual array microphone	
	15ICH: Intel UHD Graphics 630 and NVIDIA® GeForce® GTX 1050 (2GB or 4GB GDDR5 memory)									<i>Some:</i> 720p HD, 1.0MP resolution, fixed focus, with single microphone	
	15ICN: AMD Radeon 540 (2GB GDDR5 memory)									HD Audio, stereo speakers with Dolby® Audio Certification, 1.5W x 2 / single microphone, audio combo jack	
	15IGM: Intel HD Graphics 520, Intel UHD Graphics 600 or UHD Graphics 605 in processor only, Intel UHD Graphics 600 or UHD Graphics 605 in processor and AMD Radeon 530 (2GB GDDR5 memory)								Keyboard	6-row, multimedia Fn keys, numeric keypad, optional backlight	
	supports external digital monitor via HDMI;								Touchpad	One-piece multi-touch touchpad	
	supports two independent displays;								Security	Supervisor password, power-on password, hard-disk password (only Non- Intel Optane memory model), security keyhole	
	Max resolution: 1920x1080@60Hz (HDMI)								Security chip	Firmware TPM 2.0	
										Fingerprint reader	None
										Battery	Integrated Li-ion 30Wh, 35Wh or 45Wh battery
										Max battery life	<i>MobileMark® 2014:</i>
										15IKB / IKBR / 15IGM: 5.5 hrs (30Wh) / 6 hrs (35Wh)	
										15ICH: 8 hrs (45Wh)	
										15ICN: 4.5 hrs (35Wh)	
										<i>* Battery life varies significantly with settings, usage, & other factors</i>	
									AC adapter	15ICH: 90W slim tip AC adapter	
										<i>Others:</i> 45W or 65W slim tip AC adapter	
									Preload (opt)	Windows® 10 Home 64 or Windows 10 Pro 64	
									Limited warranty	<i>One of the following, configurable by model:</i>	
										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	

Lenovo

ideapad 330 (15") Intel

Lenovo™

