

ideapad 330 (15") Intel 81DE02TUGE

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
1TB 5400rpm + 16GB Optane Memory

Optical
None

Ethernet
100/1000M

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

Color
Platinum Grey

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
193386427414

Ann Date (mm/yy)
03/19

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>



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ideapad 330 (15") Intel Platform Specifications

Product Specifications Reference (PSREF)

Processor	151KB: Intel® Celeron® Processor, Intel Pentium® Processor or 7th Generation Intel Core™ i3 / i5 / i7 Processor							Chipset Memory	151CH: Intel HM370 chipset; <i>others:</i> Intel SoC (System on Chip) platform 151KB&IKBR: 16GB max / 2133MHz DDR4, dual-channel capable, optional 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket 151CH: 16GB max / 2400MHz DDR4, dual-channel capable, optional 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket 151CN: 12GB max / 2400MHz DDR4, dual-channel capable, optional 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket 151GM: 8GB max / 2400MHz DDR4, one DDR4 SO-DIMM socket
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	Display
	Cel 3867U	2	2	1.8 GHz	-	2MB	DDR4-2133	Intel HD Graphics 610	<i>Some:</i> 15.6" (396mm) HD (1366x768), anti-glare or glossy, LED backlight, 200 nits, 16:9 aspect ratio <i>Some:</i> 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, 200 nits, 16:9 aspect ratio
	Pen 4415U		4	2.3 GHz	-	3MB		Intel HD Graphics 620	
	i3-7100U			2.4 GHz	-				
	i3-7130U			2.7 GHz	-				
	i5-7200U			2.5 GHz	3.1 GHz				
	i7-7500U			2.7 GHz	3.5 GHz				
	151KBR: 7th or 8th Generation Intel Core i3 / i5 / i7 Processor								Multi-touch (opt)
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	On-cell touch, supports 10-finger multi-touch
	i3-7020U	2	4	2.3 GHz	-	3MB	DDR4-2133	Intel HD Graphics 620	Storage
	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			
	151CH: 8th Generation Intel Core i5 / i7 Processor								Optical (optional)
	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
	i7-8750H			2.2 GHz	4.1 GHz	9MB			10/100M or 100/1000M Ethernet connection
	151CN: 8th Generation Intel Core i3 Processor								WLAN
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	<i>One of the following, configurable by model:</i> 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
	i3-8121U	2	4	2.2 GHz	3.2 GHz	4MB	DDR4-2400	-	Media reader Ports
	151GM: Intel Celeron® Processor, Intel Pentium Processor or 6th Generation Intel Core i3 Processor								4-in-1 reader (MMC, SD, SDHC, SDXC) 151GM: 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 <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 <i>* Depending on many factors, actual data transfer speed may be lower than theoretical speed</i>
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	Dimensions
	Cel N4000	2	2	1.1 GHz	2.6 GHz	4MB	DDR4-2400	Intel UHD Graphics 600	WxDxH: 14.89" x 10.24" x 0.9"; 378mm x 260mm x 22.9mm
	Cel N4100			1.1 GHz	2.4 GHz			2.2 kg (4.85 lb)	
	Pen N5000	4	4	1.1 GHz	2.7 GHz			Intel UHD Graphics 605	Case color
	i3-6006U	2	4	2.0 GHz	-	3MB	DDR4-2133	Intel HD Graphics 520	Blizzard white, platinum grey, onyx black, mid night blue, coral red, plum purple, or chocolate brown
									Case material
									PC/ABS plastic
									Camera
									<i>Some:</i> 0.3MP resolution, fixed focus, with single microphone <i>Some:</i> 720p HD, 1.0MP resolution, fixed focus, with dual array microphone <i>Some:</i> 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
Graphics	151KB: 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)								Keyboard
	151KBR: 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)								6-row, multimedia Fn keys, numeric keypad, optional backlight
	151CH: Intel UHD Graphics 630 and NVIDIA® GeForce® GTX 1050 (2GB or 4GB GDDR5 memory)								Touchpad
	151CN: AMD Radeon 540 (2GB GDDR5 memory)								One-piece multi-touch touchpad
	151GM: 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)								Security
	supports external digital monitor via HDMI;								Supervisor password, power-on password, hard-disk password (only Non- Intel Optane memory model), security keyhole
	supports two independent displays;								Security chip
	Max resolution: 1920x1080@60Hz (HDMI)								Firmware TPM 2.0
									Fingerprint reader
									None
								Battery	
								Integrated Li-ion 30Wh, 35Wh or 45Wh battery	
								Max battery life	
								MobileMark® 2014: 151KB / IKBR / 151GM: 5.5 hrs (30Wh) / 6 hrs (35Wh) 151CH: 8 hrs (45Wh) 151CN: 4.5 hrs (35Wh) <i>* Battery life varies significantly with settings, usage, & other factors</i> 151CH: 90W slim tip AC adapter <i>Others:</i> 45W or 65W slim tip AC adapter	
								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	

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