

ideapad 330 (15") Intel 81DE00LNGE

Region
WE

Country
Germany

Machine Type
81DE

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

Graphics
AMD Radeon 530 2GB GDDR5

Memory
4GB Soldered + 4GB DIMM DDR4-2133

Display
15.6" FHD (1920x1080) Anti-glare

Multi-touch
None

Storage
256GB SSD

Optical
9.0mm DVD±RW

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
65W

Operating System
Windows 10 Home 64

Warranty
2-year, Depot

Ann Date (mm/yy)
04/18

Note:

Country Code "US" is for United States, "++" is for EMEA countries (e.g. AD - Saudi, Arabia, AT - Austria, BM - Bulgaria, etc.), "xx" is for EAST countries (e.g. BM - Bulgaria, CX - Hungary, CY - Cyprus, etc.), and "***" is for MEA countries (e.g. AD - Saudi, Arabia, ED - Egypt, EQ - Sweden, etc.). Please be aware that the EMEA/ EAST/MEA models listed above might not be available in all countries



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ideapad 330 (15") Intel Platform Specifications

Product Specifications Reference (PSREF)

Processor	151CH: 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						
	151CN: 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	-				
	151GM: Intel Celeron® Processor or Intel Pentium® 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	Intel UHD Graphics 605							
Pen N5000			1.1 GHz	2.7 GHz								
151KB: Intel Pentium Processor or 7th Generation Intel Core i5 / i7 Processor												
Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics					
Pen 4415U	2	4	2.3 GHz	-	2MB	DDR4-2133	Intel HD Graphics 610					
i5-7200U			2.5 GHz	3.1 GHz	3MB		Intel HD Graphics 620					
i7-7500U			2.7 GHz	3.5 GHz	4MB							
151KBR: 7th Generation Intel Core i3 Processor 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							
151CH: Intel UHD Graphics 630 and NVIDIA GeForce® GTX1050 (2GB or 4GB GDDR5 memory);												
151CN: AMD Radeon™ 540 (2GB GDDR5 memory)												
151GM: Intel UHD Graphics 600 or Intel UHD Graphics 605 in processor only, or Intel UHD Graphics 600 or Intel UHD Graphics 605 in processor and AMD Radeon 530 (2GB GDDR5 memory)												
151KB: Intel HD Graphics 610 or 620 in processor only, or Intel HD Graphics 610 or 620 in processor and AMD Radeon 530 (2GB or 4GB GDDR5 memory) or NVIDIA GeForce MX110 / MX130 (2GB GDDR5 memory);												
151KBR: Intel HD Graphics 620 or Intel UHD Graphics 620 in processor only, or Intel HD Graphics 620 or Intel UHD Graphics 620 in processor and AMD Radeon 530 (2GB or 4GB GDDR5 memory) or NVIDIA GeForce MX150 (2GB or 4GB GDDR5 memory);												
supports external digital monitor via HDMI;												
supports dual independent display;												
Max resolution: 1920x1080@60Hz (HDMI)												
Graphics			151CH: Intel HM370 chipset; others: Intel SoC (System on Chip) platform									
			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, 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket									
			151GM: 8GB max / 2400MHz DDR4, one DDR4 SO-DIMM socket									
			151KB & 1KBR: 16GB max / 2133MHz DDR4, dual-channel capable, optional 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket									
			151CH: 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									
			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, 7mm high (e.g. xxxGB SSD)												
Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s												
Some: 16GB Intel Optane™ memory, PCIe NVMe, PCIe 3.0 x 4, 16Gb/s, 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 151GM: one USB 2.0, one USB 3.1 Gen 1												
Others: two USB 3.1 Gen 1 (USB 3.0), one USB 3.1 Type-C Gen 1												
All: HDMI 1.4a, Ethernet (RJ-45), headphone / microphone combo jack, security keyhole, AC power adapter jack												
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, or chocolate brown												
Case material PC/ABS plastic												
Camera 0.3MP or HD720p (1.0MP), fixed focus, with monaural or dual array microphone												
Audio support HD Audio, stereo speakers with Dolby® Audio certification, 1.5W x 2 / monaural or dual array microphone, headphone / microphone 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 151GM / 151KB / 1KBR: 5.5 hrs (30Wh) / 6 hrs (35Wh)												
(MobileMark® 2014) 151CN: 4.5 hrs (35Wh)												
151CH: 8 hrs (45Wh)												
AC adapter 151CH: 90W slim tip AC adapter;												
Others: 45W or 65W slim tip AC adapter												
Preload Windows® 10 Home 64 or Windows 10 Pro 64												
Preloaded applications (only some listed)												
• Lenovo® App Explorer												
• Lenovo ID												
• Lenovo Settings												
• McAfee® LiveSafe™ (30-day trial)												
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 EPEAT™ Silver; ENERGY STAR® 6.1; RoHS-compliant												
Chipset Memory	151CH: Intel HM370 chipset; others: Intel SoC (System on Chip) platform											
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