

ideapad 330 (15") Intel 81DE022UGE

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

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
193268430617

Ann Date (mm/yy)
10/18

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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Processor	15IKB: 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
	i3-7100U			2.4 GHz	-	3MB	
	i3-7130U			2.7 GHz	-		
	i5-7200U			2.5 GHz	3.1 GHz		
	i7-7500U	2.7 GHz	3.5 GHz	4MB	Intel HD Graphics 620		
	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		
i5-8250U	4	8	1.6 GHz	3.4 GHz	6MB	Intel UHD Graphics 620	
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			
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 UHD 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 Memory	15ICH: Intel HM370 chipset; others: Intel SoC (System on Chip) platform						
	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 Ports	4-in-1 reader (MMC, SD, SDHC, SDXC) 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						
Dimensions Weight Case color Case material Camera Audio support	WxDxH: 14.89" x 10.24" x 0.9"; 378mm x 260mm x 22.9mm 2.2 kg (4.85 lb) Blizzard white, platinum grey, onyx black, mid night blue, coral red, plum purple, or chocolate brown PC/ABS plastic 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 HD Audio, stereo speakers with Dolby® Audio Certification, 1.5W x 2 / single microphone, audio combo jack						
Keyboard Touchpad Security Security chip Fingerprint reader Battery Max battery life AC adapter Preload (opt) Limited warranty Environment	6-row, multimedia Fn keys, numeric keypad, optional backlight One-piece multi-touch touchpad Supervisor password, power-on password, hard-disk password (only Non- Intel Optane memory model), security keyhole Firmware TPM 2.0 None Integrated Li-ion 30Wh, 35Wh or 45Wh battery MobileMark® 2014: 15IKB / IKBR / 15IGM: 5.5 hrs (30Wh) / 6 hrs (35Wh) 15ICH: 8 hrs (45Wh) 15ICN: 4.5 hrs (35Wh) 15ICH: 90W slim tip AC adapter Others: 45W or 65W slim tip AC adapter Windows® 10 Home 64 or Windows 10 Pro 64 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 ErP Lot 3; ENERGY STAR® 6.1; RoHS-compliant						

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