ideapad 330 (15") Intel 81DE0139SP

Region
WE

Country
Spain

Machine Type
81DE

Processor
Core i3-7020U (2C, 2.3GHz, 3MB)

Graphics
Integrated Intel HD Graphics 620

Memory
4GB Soldered + 4GB DIMM DDR4-2133

Display
15.6" HD (1366x768) Anti-glare

Multi-touch
None

Storage
1TB 5400rpm

Optical
None

Ethernet
100/1000M

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

Color
Platinum Grey

Camera
0.3MP

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
192651535915

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

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		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 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	*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
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*)
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

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