

ideapad 330 (15") Intel 81DE00LMGE

Region
WE

Country
Germany

Machine Type
81DE

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

Graphics
Integrated Intel HD Graphics 620

Memory
4GB Soldered 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
192651048279

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



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.



<http://psref.lenovo.com>

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

© Lenovo, 2017. All rights reserved.

Lenovo

ideapad 330 (15") Intel Platform Specifications

Product Specifications Reference (PSREF)

Processor	15IKB: Intel® Pentium® Processor or 7th Generation Intel Core™ i5 / i7 Processor								Chipset Memory 15ICH: Intel HM370 chipset; <i>others:</i> 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
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			Intel UHD Graphics 605		
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)								
	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									
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									
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 Touchpad									
6-row, multimedia Fn keys, numeric keypad, optional backlight									
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									
Max battery life									
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)									
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									

ideapad 330 (15") Intel

Lenovo™

