



ideapad 330 (15") Intel Platform Specifications

Product Specifications Reference (PSREF)

Processor	15IKB: Intel® Pentium® Processor or 7th Generation Intel Core™ i5 / i7 Processor								Display <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 Multi-touch (<i>opt</i>) On-cell touch, supports 10-finger multi-touch Storage <i>Some:</i> HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high <i>Some:</i> SSD / SATA 6.0Gb/s, 2.5" wide <i>Some:</i> M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s <i>Some:</i> Intel Optane™ Memory, 16GB, M.2 Optical (<i>optional</i>) DVD burner, 9.0mm high, fixed, tray-in Ethernet Gigabit Ethernet connection WLAN <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 Media reader Ports 4-in-1 reader (MMC, SD, SDHC, SDXC) <i>15IGM:</i> 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 Dimensions <i>WxDxH:</i> 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 <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 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 Firmware TPM 2.0 Security chip Fingerprint reader None Battery Integrated Li-ion 30Wh, 35Wh or 45Wh battery Max battery life <i>MobileMark® 2014:</i> <i>15IKB / IKBR / 15IGM:</i> 5.5 hrs (30Wh) / 6 hrs (35Wh) <i>15ICH:</i> 8 hrs (45Wh) <i>15ICN:</i> 4.5 hrs (35Wh) AC adapter <i>15ICH:</i> 90W slim tip AC adapter <i>Others:</i> 45W or 65W slim tip AC adapter Preload <i>Some:</i> Windows® 10 Home 64 <i>Some:</i> Windows 10 Pro 64 Preloaded applications (only some listed) • Lenovo® App Explorer • Lenovo ID • Lenovo Settings • McAfee® LiveSafe™ (30-day trial) 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 EPEAT™ Silver; ENERGY STAR® 6.1; RoHS-compliant
	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	
	i5-7200U			2.5 GHz	3.1 GHz	3MB			
	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 or Intel Pentium Processor									
Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics		
Cel N4000	4	4	1.1 GHz	2.6 GHz	4MB	DDR4-2400	Intel UHD Graphics 600		
Cel N4100			1.1 GHz	2.4 GHz					
Pen N5000			1.1 GHz	2.7 GHz					
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 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)								
	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								
	Chipset								
	Memory								

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Product Specifications Reference (PSREF)

Model	Product	Region	Country	Processor	Graphics	Memory (Soldered +DIMM)	Display	Multi- touch	Storage(HDD/SSD)	Optical	Ethernet	WLAN + Bluetooth	Color	Camera	Micro- phone	Key- board	Battery	Power Adapter	OS	Warranty	Ann Date (mm/yy)
81D1002GUS	ideapad 330- 15IGM	NA	US, Canada	Celeron N4000	Intel UHD 600	4GB DIMM DDR4-2400	15.6" HD (1366x768) Anti-glare	None	500GB 5400rpm	9.0mm DVD±RW	10/100M	11ac, 1x1 + BT4.1	Platinum Grey	0.3MP	Monaural	Non-backlit	30Wh	45W	Windows 10 Home 64	1-year, Mail-in	05/18

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Product Specifications Reference (PSREF)

Model	Product	Region	Country	Processor	Graphics	Memory (Soldered +DIMM)	Display	Multi- touch	Storage(HDD/SSD)	Optical	Ethernet	WLAN + Bluetooth	Color	Camera	Micro- phone	Key- board	Battery	Power Adapter	OS	Warranty	Ann Date (mm/yy)
81DE0044US	ideapad 330-15IKBR	NA	US, Canada	i3-7020U	Intel HD 620	4GB Soldered + 2GB DIMM DDR4-2133	15.6" HD (1366x768) Anti-glare	None	1TB 5400rpm	9.0mm DVD±RW	100/1000M	11ac, 1x1 + BT4.1	Platinum Grey	0.3MP	Monaural	Non-backlit	30Wh	45W	Windows 10 Home 64	1-year, Mail-in	04/18
81DE0045US	ideapad 330-15IKBR	NA	US, Canada	i5-8250U	Intel UHD 620	4GB Soldered + 4GB DIMM DDR4-2133	15.6" HD (1366x768) Anti-glare	None	1TB 5400rpm	9.0mm DVD±RW	100/1000M	11ac, 1x1 + BT4.1	Platinum Grey	0.3MP	Monaural	Non-backlit	30Wh	45W	Windows 10 Home 64	1-year, Mail-in	03/18
81DE005LCF	ideapad 330-15IKBR	NA	Canada	i5-8250U	Intel UHD 620	4GB Soldered + 4GB DIMM DDR4-2133	15.6" HD (1366x768) Anti-glare	None	1TB 5400rpm	9.0mm DVD±RW	100/1000M	11ac, 1x1 + BT4.1	Platinum Grey	0.3MP	Monaural	Non-backlit	30Wh	45W	Windows 10 Home 64	1-year, Mail-in	03/18

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Product Specifications Reference (PSREF)

Model	Product	Region	Country	Processor	Graphics	Memory (Soldered +DIMM)	Display	Multi-touch	Storage(HDD/SSD)	Optical	Ethernet	WLAN + Bluetooth	Color	Camera	Microphone	Key-board	Battery	Power Adapter	OS	Warranty	Ann Date (mm/yy)
81DJ0005CF	ideapad 330-151KB Touch	NA	Canada	i5-8250U	Intel UHD 620	4GB Soldered + 8GB DIMM DDR4-2133	15.6" HD (1366x768) Glossy	10-point Multi-touch	1TB 5400rpm	9.0mm DVD±RW	100/1000M	11ac, 1x1 + BT4.1	Platinum Grey	720p	Monaural	Non-backlit	30Wh	45W	Windows 10 Home 64	1-year, Mail-in	03/18
81DJ0006US	ideapad 330-151KB Touch	NA	US, Canada	i5-8250U	Intel UHD 620	4GB Soldered + 8GB DIMM DDR4-2133	15.6" HD (1366x768) Glossy	10-point Multi-touch	1TB 5400rpm	9.0mm DVD±RW	100/1000M	11ac, 1x1 + BT4.1	Platinum Grey	720p	Monaural	Non-backlit	30Wh	45W	Windows 10 Home 64	1-year, Mail-in	03/18
81DJ0007US	ideapad 330-151KB Touch	NA	US, Canada	i3-8130U	Intel UHD 620	4GB Soldered + 2GB DIMM DDR4-2133	15.6" HD (1366x768) Glossy	10-point Multi-touch	1TB 5400rpm	9.0mm DVD±RW	100/1000M	11ac, 1x1 + BT4.1	Platinum Grey	720p	Monaural	Non-backlit	30Wh	45W	Windows 10 Home 64	1-year, Mail-in	03/18

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Product Specifications Reference (PSREF)

Model	Product	Region	Country	Processor	Graphics	Memory (Soldered +DIMM)	Display	Multi-touch	Storage(HDD/SSD)	Optical	Ethernet	WLAN + Bluetooth	Color	Camera	Micro-phone	Key-board	Battery	Power Adapter	OS	Warranty	Ann Date (mm/yy)
81FK0008US	ideapad 330-15ICH	NA	US, Canada	i7-8750H	GTX 1050 2GB	16GB DIMM DDR4-2400	15.6" FHD (1920x1080) Anti-glare	None	1TB 5400rpm + 128GB SSD M.2 PCIe NVMe	None	100/1000M	11ac, 2x2 + BT4.1	Onyx Black	720p	Dual Array	Non-backlit	45Wh	135W	Windows 10 Home 64	1-year, Mail-in	06/18