

# ideapad 330 (15") Intel 81D100QYRM

**Product**  
ideapad 330-15IGM

**Region**  
EET

**Country**  
Romania

**Machine Type**  
81D1

**Processor**  
Pentium Silver N5000 (4C, 1.1 / 2.7GHz, 4MB)

**Graphics**  
AMD Radeon 530 2GB GDDR5

**Memory**  
4GB DIMM DDR4-2400

**Display**  
15.6" FHD (1920x1080) Anti-glare

**Multi-touch**  
None

**Storage**  
1TB 5400rpm

**Optical**  
None

**Ethernet**  
10/100M

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

**Color**  
Onyx Black

**Camera**  
0.3MP

**Microphone**  
Monaural

**Keyboard**  
Non-backlit

**Fingerprint Reader**  
None

**Battery**  
30Wh

**Power Adapter**  
65W

**Operating System**  
None

**Warranty**  
2-year, Depot

**EAN / UPC**  
193386282457

**Ann Date (mm/yy)**  
02/19

#### Notes:

Battery life is an estimated maximum. Actual battery life may vary based on many factors, including screen brightness, active applications, features, power management settings, battery age and conditioning, and other customer preferences.  
<https://www.lenovo.com/hk/en/battery-info>



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# ideapad 330 (15") Intel Platform Specifications

Product Specifications Reference (PSREF)



Processor **15IKB:** Intel® Celeron® Processor, Intel Pentium® Processor or 7th Generation Intel Core™ i3 / i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
Cel 3867U	2	4	1.8 GHz	-	2MB	DDR4-2133	Intel HD Graphics 610
Pen 4415U			2.3 GHz	-	3MB		
i3-7100U			2.4 GHz	-			
i3-7130U			2.7 GHz	-			
i5-7200U			2.5 GHz	3.1 GHz	4MB		Intel HD Graphics 620
i7-7500U			2.7 GHz	3.5 GHz			

**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			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	

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 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  
*\* Depending on many factors, actual data transfer speed may be lower than theoretical speed*

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)  
*\* Battery life varies significantly with settings, usage, & other factors*

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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