

ideapad 330 (15") Intel **81DE02Q2RM**

Product
ideapad 330-15IKBR

Region
EET

Country
Romania

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
128GB SSD

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
None

Warranty
2-year, Depot

EAN / UPC
193386277583

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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Lenovo™

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 | - | | | |
| i3-7100U | | | 2.4 GHz | - | | | |
| 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 | | Intel UHD Graphics 620 |
| i5-8250U | 4 | 8 | 1.6 GHz | 3.4 GHz | 6MB | DDR4-2133 | 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 | | | Intel UHD Graphics 605 |
| Pen N5000 | | | 1.1 GHz | 2.7 GHz | | | Intel HD Graphics 520 |
| 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 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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