

# ideapad 330 (15") Intel **81DE01TFGE**

**Product**  
ideapad 330-15IKBR

**Region**  
WE

**Country**  
Germany

**Machine Type**  
81DE

**Processor**  
Core i7-8550U (4C, 1.8 / 4.0GHz, 8MB)

**Graphics**  
NVIDIA GeForce MX150 2GB GDDR5

**Memory**  
4GB Soldered + 4GB DIMM DDR4-2133

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

**Multi-touch**  
None

**Storage**  
512GB SSD

**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**  
65W

**Operating System**  
Windows 10 Home 64

**Warranty**  
2-year, Depot

**EAN / UPC**  
193268196902

**Ann Date (mm/yy)**  
08/18

## 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 |  |  |  |  |  |                                                                                                                    | 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                                                                                                |
|                    | 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                                                                        |                |                                                                                                                                                       |

|          |                                                                                                                                                                                                                                                                                      |  |  |  |  |  |  |
|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|
| 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)                                                                                                                                                                                                                                                |  |  |  |  |  |  |
|          |                                                                                                                                                                                                                                                                                      |  |  |  |  |  |  |
|          |                                                                                                                                                                                                                                                                                      |  |  |  |  |  |  |
|          |                                                                                                                                                                                                                                                                                      |  |  |  |  |  |  |

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