

# ideapad 330-15IKB Platform Specifications

Product Specifications Reference (PSREF)

|  |  |            |   |                |                     |       |              |                        |                               |   |
|--|--|------------|---|----------------|---------------------|-------|--------------|------------------------|-------------------------------|---|
| Processor  | Intel® Celeron® Processor, Intel Pentium® Processor or 7th or 8th Generation Intel Core™ i3 / i5 / i7 Processor  |            |   |                |                     |       |              | Ethernet               | 100/1000M Ethernet connection |   |
|  | Processor Number   | # of Cores | # of Threads                                    | Base Frequency | Max Turbo Frequency | Cache | Memory Types | Processor Graphics     | WLAN Bluetooth™               | 11ac, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter  |
|  | Cel 3867U  | 2          | 4   | 1.8 GHz        | -                   | 2MB   | DDR4-2133    | Intel HD Graphics 610  | Media reader Ports            | 4-in-1 reader (MMC, SD, SDHC, SDXC)<br>Two USB 3.1 Gen 1, one USB 3.1 Type-C Gen 1, HDMI 1.4a, Ethernet (RJ-45), headphone / microphone combo jack, AC power adapter jack, security keyhole<br><i>* Depending on many factors, actual data transfer speed may be lower than theoretical speed</i>   |
|  | Pen 4415U  |            |   | 2.3 GHz        | -                   | 3MB   |              | Intel HD Graphics 520  |                               |   |
|  | i3-6006U   |            |   | 2.0 GHz        | -                   |       |              | Intel HD Graphics 620  |                               |   |
|  | i3-7100U   |            |   | 2.4 GHz        | -                   |       |              | 4MB                    | Intel UHD Graphics 620        |   |
|  | i3-7130U   |            |   | 2.7 GHz        | -                   |       |              |                        |                               |   |
|  | i5-7200U   |            |   | 2.5 GHz        | 3.1 GHz             | 4MB   |              | Intel UHD Graphics 620 |                               |   |
|  | i7-7500U   |            |   | 2.7 GHz        | 3.5 GHz             |       |              |                        |                               |   |
|  | i3-7020U   |            |   | 2.3 GHz        | -                   | 3MB   |              | DDR4-2133              | Intel UHD Graphics 620        |   |
| i3-8130U   | 2.2 GHz  |            |   | 3.4 GHz        | 4MB                 |       |              |                        |                               |   |
| i5-8250U   | 1.6 GHz  |            |   | 3.4 GHz        | 6MB                 |       |              |                        |                               |   |
| i7-8550U   | 4  | 8          | 1.8 GHz   | 4.0 GHz        | 8MB                 |       |              |                        |                               |   |
| Graphics   | Integrated Graphics  |            | Discrete Graphics (Memory)                      |                |                     |       |              |                        |                               |   |
|  | Intel HD Graphics 520  |            |   |                |                     |       |              |                        |                               |   |
|  | Intel HD Graphics 610  |            |   |                |                     |       |              |                        |                               |   |
|  | Intel HD Graphics 620  |            |   |                |                     |       |              |                        |                               |   |
|  | Intel UHD Graphics 620   |            |   |                |                     |       |              |                        |                               |   |
|  | Intel HD Graphics 610 / 620  |            | NVIDIA® GeForce® MX 110 (2GB GDDR5 memory)      |                |                     |       |              |                        |                               |   |
|  |  |            | NVIDIA GeForce MX 130 (2GB GDDR5 memory)        |                |                     |       |              |                        |                               |   |
|  |  |            | AMD Radeon™ 530 (2GB or 4GB GDDR5 memory)       |                |                     |       |              |                        |                               |   |
|  | Intel HD Graphics 620 or Intel UHD Graphics 620  |            | NVIDIA GeForce MX 150 (2GB or 4GB GDDR5 memory) |                |                     |       |              |                        |                               |   |
|  |  |            | AMD Radeon™ 530 (2GB or 4GB GDDR5 memory)       |                |                     |       |              |                        |                               |   |
| supports external digital monitor via HDMI;<br>supports two independent displays;<br>Max resolution: 1920x1080@60Hz (HDMI) |  |            |   |                |                     |       |              |                        |                               |   |
| Chipset  | Intel SoC (System on Chip) Platform  |            |   |                |                     |       |              |                        |                               |   |
| Memory   | 16GB max / 2133MHz DDR4, optional 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket  |            |   |                |                     |       |              |                        |                               |   |
| Display  | <i>Some:</i> 15.6" (396mm) HD (1366x768), anti-glare, LED backlight, 200 nits, 16:9 aspect ratio<br><i>Some:</i> 15.6" (396mm) HD (1366x768), glossy, LED backlight, 200 nits, 16:9 aspect ratio<br><i>Some:</i> 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  | <i>Some:</i> HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high<br><i>Some:</i> SSD / SATA 6.0Gb/s, 2.5" wide<br><i>Some:</i> M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s (e.g. xxxGB SSD M.2 2280 PCIe NVMe)<br><i>Some:</i> M.2 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s (e.g. xxxGB SSD M.2 2242 PCIe NVMe)         |            |   |                |                     |       |              |                        |                               |   |
| Optane Memory  | Optional Intel Optane™ Memory, 16GB, M.2   |            |   |                |                     |       |              |                        |                               |   |
| Optical (optional)   | DVD burner, 9.0mm high, fixed, tray-in   |            |   |                |                     |       |              |                        |                               |   |
|  |  |            |   |                |                     |       |              |                        | Keyboard                      | 6-row, multimedia Fn keys, numeric keypad   |
|  |  |            |   |                |                     |       |              |                        | Touchpad                      | One-piece multi-touch touchpad  |
|  |  |            |   |                |                     |       |              |                        | Security                      | Supervisor password, power-on password, hard-disk password, security keyhole  |
|  |  |            |   |                |                     |       |              |                        | Security chip                 | Firmware TPM 2.0  |
|  |  |            |   |                |                     |       |              |                        | Fingerprint reader            | None  |
|  |  |            |   |                |                     |       |              |                        | Battery                       | Integrated Li-Polymer 30Wh or 35Wh  |
|  |  |            |   |                |                     |       |              |                        | Max battery life              | <i>MobileMark® 2014:</i> 5.5 hr (30Wh) / 6 hr (35Wh)<br><i>* Battery life varies significantly with hardware configurations, usage, &amp; other factors</i>   |
|  |  |            |   |                |                     |       |              |                        | AC adapter                    | 45W or 65W slim tip AC adapter  |
|  |  |            |   |                |                     |       |              |                        | Preload (opt)                 | <i>Preloaded operating system</i> <ul style="list-style-type: none"> <li>Windows® 10 Home 64</li> <li>Windows 10 Pro 64</li> </ul> <i>Preloaded applications (only some listed)</i> <ul style="list-style-type: none"> <li>Microsoft Office Trial (with 30-day license)</li> <li>Microsoft Office 365 Personal</li> <li>Microsoft Office Personal 2016</li> <li>Microsoft Office Personal 2019</li> <li>Microsoft Office Home and Student 2016</li> <li>Microsoft Office Home and Business 2016</li> <li>Microsoft Office Home and Student 2019</li> <li>Microsoft Office Home and Business 2019</li> </ul> |
|  |  |            |   |                |                     |       |              |                        | Limited warranty              | <i>One of the following, configurable by model:</i> <ul style="list-style-type: none"> <li>1-year Mail-in repair service</li> <li>1-year depot repair service</li> <li>2-year/1-yr battery depot repair service</li> </ul>  |
|  |  |            |   |                |                     |       |              |                        | Environment                   | ErP Lot 3; ENERGY STAR® 6.1; RoHS-compliant   |

Note: The specifications above may not be available in all regions.