# ideapad 330S (14'') Intel Platform Specifications

| Processor | Intel® Pentium® Processor or 7th / 8th Generation Intel Core™ i3 / i5 / i7 Processor |
|---|---|

| Processor Number | # of Cores | # of Threads | Base Frequency | Max Turbo Frequency | Cache | Memory Types | Processor Graphics |
|---|---|---|---|---|---|---|---|
| Pen 4415U | | | 2.3 GHz | - | 2MB | | Intel HD Graphics 610 |
| i3-7020U | 2 | 4 | 2.3 GHz | - | 3MB | DDR4-2133 | Intel HD Graphics 620 |
| i3-7100U | | | 2.4 GHz | - | | | |
| i3-7130U | | | 2.7 GHz | - | | | |
| i5-7200U | | | 2.5 GHz | 3.1 GHz | | | |
| i3-8130U | | | 2.2 GHz | 3.4 GHz | 4MB | DDR4-2400 | Intel UHD Graphics 620 |
| i5-8250U | 4 | 8 | 1.6 GHz | 3.4 GHz | 6MB | | |
| i7-8550U | | | 1.8 GHz | 4.0 GHz | 8MB | | |

| Graphics | *Some:* Intel HD Graphics 610 / 620 or Intel UHD Graphics 620 in processor only;<br>*Some:* Intel HD Graphics 620 or Intel UHD Graphics 620 in processor and<br>    AMD® Radeon™ 535 (2GB GDDR5 memory);<br>*Some:* Intel HD Graphics 620 or Intel UHD Graphics 620 in processor and<br>    AMD Radeon 540 (2GB or 4GB GDDR5 memory);<br>supports external independent display;<br>Max resolution:    4096x2160@30Hz (HDMI) |
|---|---|
| Chipset | Intel SoC (System on Chip) platform |
| Memory | 12GB max / 2133MHz or 2400MHz DDR4, 4GB soldered to systemboard,<br>one DDR4 SO-DIMM socket, dual-channel capable |
| Display | *Some:*  14" (356mm) HD (1366x768), anti-glare, LED backlight,<br>    220 nits, 16:9 aspect ratio<br>*Some:*  14" (356mm) FHD (1920x1080), anti-glare, LED backlight, IPS,<br>    250 nits, 16:9 aspect ratio |
| Multi-touch | None |
| Storage | *Some:*  HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high<br>*Some:*  SSD / SATA 6.0Gb/s, 2.5" wide<br>*Some:*  M.2 SSD / PCIe 3.0 x 4<br>*Some:*  M.2 SSD / SATA 6.0Gb/S<br>*Some:*  Intel Optane™ Memory, 16GB, M.2 |
| Optical *(optional)* | External DVD burner, 9.5mm high |
| Ethernet | None |
| WLAN | 11ac, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card |
| Bluetooth™ | Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter |

| Media reader | 4-in-1 reader (MMC, SD, SDHC, SDXC) |
|---|---|
| Ports | Two USB 3.1 Gen 1 (one for Always-On Charging), AC power adapter jack,<br>one USB 3.1 Type-C Gen 1, HDMI 2.0, audio combo jack, security keyhole |
| Dimensions | *WxDxH:*  12.72" x 9.24" x 0.75";   323.1mm x 234.8mm x 18.95mm |
| Weight | 1.67 kg (3.68 lb) |
| Case color | Blizzard white, platinum grey, mid night blue, iron grey or rose pink |
| Case material | *Display cover:*  aluminum<br>*Bottom:*            PC/ABS plastic |
| Camera | HD720p (1.0MP), fixed focus, with dual array microphone |
| Audio support | HD Audio, stereo speakers with Dolby® Audio Premium, 2W x 2 /<br>dual array microphone, audio combo jack |
| Keyboard | 6-row, multimedia Fn keys, optional backlight |
| Touchpad | One-piece multi-touch touchpad |
| Security | Power-on password, hard disk password, supervisor password, security keyhole |
| Security chip | Firmware TPM 2.0 |
| Fingerprint reader | None |
| Battery | Integrated Li-Polymer 2-cell *(30Wh)* or 3-cell *(52.5Wh)* battery |
| Max battery life | *MobileMark® 2014:*  6 hrs *(30Wh)* / 9 hr *(52.5Wh)* |
| AC adapter | 45W or 65W slim tip AC adapter, support rapid charge |
| Preload | *Some:* Windows® 10 Home 64<br>*Some:* Windows 10 Pro 64<br>*Some:* Windows 10 Home S<br>Preloaded applications (only some listed)<br>• Lenovo® App Explorer<br>• Lenovo ID<br>• Lenovo Settings<br>• McAfee® LiveSafe™ (30-day trial) |
| Limited warranty | *One of the following, configurable by model:*<br>• 1-year depot repair service<br>• 2-year/1-yr battery depot repair service |
| Environment | ENERGY STAR® 6.1; EPEAT™ Silver; RoHS-compliant |