

# ideapad 320 (15") Intel 80XL0445PB

**Region**  
EET

**Country**  
Poland

**Machine Type**  
80XL

**Processor**  
Core i5-7200U (2C, 2.5 / 3.1GHz, 3MB)

**Graphics**  
NVIDIA GeForce 940MX 2GB GDDR5

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

**Display**  
15.6" FHD (1920x1080)

**Multi-touch**  
None

**Storage**  
1TB 5400rpm

**Optical**  
DVD±RW

**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

**Ann Date (mm/yy)**  
02/18

Note:

\* Country Code "US" is for United States, "++" is for EMEA countries (e.g. AD - Saudi, Arabia, AT - Austria, BM - Bulgaria, etc.), "xx" is for EAST countries (e.g. BM - Bulgaria, CX - Hungary, CY - Cyprus, etc.), and "\*\*\*" is for MEA countries (e.g. AD - Saudi, Arabia, ED - Egypt, EQ - Sweden, etc.). Please be aware that the EMEA/ EAST/MEA models listed above might not be available in all countries



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# ideapad 320 (15") Intel Platform Specifications - 15IAP

Product Specifications Reference (PSREF)

|                    |                                                                                                                                                                                                              |            |              |                |                     |       |              |                       |                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------------|----------------|---------------------|-------|--------------|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processor          | Intel® Celeron® processor or Intel Pentium® Processor                                                                                                                                                        |            |              |                |                     |       |              |                       | Dimensions<br>Weight<br>Case color<br>Case material<br>Media reader<br>Ports<br>Camera<br>Audio support<br>Keyboard<br>Touchpad<br>Security<br>Security chip<br>Fingerprint reader<br>Battery<br>Max battery life<br>AC adapter<br>Preload<br>Limited warranty<br>Environment | WxDxH: 14.88" x 10.24" x 0.90"; 378mm x 260mm x 22.9mm<br>2.2 kg (4.85 lb)<br>Onyx black, blizzard white, platinum grey, denim blue, plum purple, or coral red (for fingerprint reader model, only platinum grey and Onyx black are available)<br>PC/ABS plastic<br>4-in-1 reader (MMC, SD, SDHC, SDXC)<br>one USB 3.1 Gen 1 (USB 3.0), one USB 2.0, HDMI 1.4b, Ethernet (RJ-45)<br>0.3MP or HD720p (1.0MP), fixed focus, integrated monaural microphone<br>HD Audio, stereo speakers with Dolby® Audio, 1.5W x 2 / monaural microphone, combo audio / microphone jack<br>6-row, multimedia Fn keys, numeric keypad<br>One-piece multi-touch touchpad<br>Power-on password, hard disk password, supervisor password, security keyhole<br>None<br>None<br>integrated Li-Ion 30Wh or 35Wh battery<br>MobileMark® 2014: 6 hr<br>45W or 65W AC adapter<br>Windows® 10 Home 64<br>One of the following, configurable by model:<br>• 1-year mail-in repair service<br>• 1-year depot repair service<br>• 2-year/1-yr battery depot repair service<br>EPEAT™ Silver; ENERGY STAR® 6.1; RoHS-compliant |
|                    | Processor Number                                                                                                                                                                                             | # of Cores | # of Threads | Base Frequency | Max Turbo Frequency | Cache | Memory Types | Processor Graphics    |                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                    | Cel N3350                                                                                                                                                                                                    | 2          | 2            | 1.1 GHz        | 2.4 GHz             | 2MB   | DDR3L-1600   | Intel HD Graphics 500 |                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                    | Cel N3450                                                                                                                                                                                                    | 4          | 4            | 1.1 GHz        | 2.2 GHz             |       |              | Intel HD Graphics 505 |                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Pen N4200          | 4                                                                                                                                                                                                            | 4          | 1.1 GHz      | 2.5 GHz        |                     |       |              |                       |                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Graphics           | Intel HD Graphics 500 or 505 in processor only, or Intel HD Graphics 500 or 505 in processor and AMD Radeon 530 (2GB GDDR5 memory); supports dual independent display; Max resolution: 1920x1080@60Hz (HDMI) |            |              |                |                     |       |              |                       |                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Chipset            | Intel SoC (System on Chip) platform                                                                                                                                                                          |            |              |                |                     |       |              |                       |                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Memory             | 8GB max / 1600MHz DDR3L, one DDR3L SO-DIMM socket                                                                                                                                                            |            |              |                |                     |       |              |                       |                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Display            | Some: 15.6" (396mm) HD (1366x768), anti-glare, 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        | None                                                                                                                                                                                                         |            |              |                |                     |       |              |                       |                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Storage            | Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high<br>Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high                                                                                                               |            |              |                |                     |       |              |                       |                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Optical (optional) | DVD burner, 9.0mm high, fixed, not removable, tray-in                                                                                                                                                        |            |              |                |                     |       |              |                       |                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Ethernet           | 10/100M Ethernet connection                                                                                                                                                                                  |            |              |                |                     |       |              |                       |                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| WLAN               | 11ac, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card                                                                                                                                                         |            |              |                |                     |       |              |                       |                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Bluetooth™         | Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter                                                                                                                                        |            |              |                |                     |       |              |                       |                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

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

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# ideapad 320 (15") Intel Platform Specifications - 15IKB

Product Specifications Reference (PSREF)

|                                             |                                                                                                                                                                                                        |              |                |                                        |                     |              |                        |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|---------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------------|----------------------------------------|---------------------|--------------|------------------------|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Processor                                   | 6th Generation Intel® Core™ i3 / i5 / i7 Processor,                                                                                                                                                    |              |                |                                        |                     |              |                        |                       | Storage<br><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, 7mm high<br><i>Some:</i> M.2 SSD / PCIe 3.0, 8Gb/s<br>Optical ( <i>optional</i> ) DVD burner, 9.0mm high, fixed, not removable, tray-in<br>Ethernet Gigabit Ethernet connection<br>WLAN 11ac, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card<br>Bluetooth™ Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter<br>Dimensions <i>WxDxH:</i> 14.88" x 10.24" x 0.90"; 378mm x 260mm x 22.9mm<br>Weight 2.2 kg (4.85 lb)<br>Case color Onyx black, blizzard white, platinum grey, denim blue, plum purple, or coral red (for fingerprint reader model, only platinum grey and Onyx black are available)<br>Case material PC/ABS plastic<br>Media reader 4-in-1 reader (MMC, SD, SDHC, SDXC)<br>Ports two USB 3.1 Gen 1 (USB 3.0), one USB 3.1 Type-C Gen 1, HDMI 1.4b, Ethernet (RJ-45)<br>Camera 0.3MP or HD720p (1.0MP), fixed focus, integrated monaural microphone<br>Audio support HD Audio, stereo speakers with Dolby® Audio, 1.5W x 2 / monaural microphone, combo audio / microphone jack<br>Keyboard 6-row, multimedia Fn keys, numeric keypad<br>Touchpad One-piece multi-touch touchpad<br>Security Security chip None<br>Fingerprint reader <i>Optional:</i> touch style fingerprint reader on the palm rest<br>Battery integrated Li-Ion 30Wh or 35Wh battery<br>Max battery life <i>MobileMark® 2014:</i> 6 hr<br>AC adapter 45W or 65W AC adapter<br>Preload Windows® 10 Home 64<br>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><br>Environment EPEAT™ Silver; ENERGY STAR® 6.1; RoHS-compliant |  |
|                                             | Processor Number                                                                                                                                                                                       | # of Cores   | # of Threads   | Base Frequency                         | Max Turbo Frequency | Cache        | Memory Types           | Processor Graphics    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                                             | i3-6006U                                                                                                                                                                                               | 2            | 4              | 2.0 GHz                                | -                   | 3MB          | DDR4-2133              | Intel HD Graphics 520 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                                             | i5-6200U                                                                                                                                                                                               |              |                | 2.3 GHz                                | 2.8 GHz             | 3MB          |                        |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                                             | i7-6500U                                                                                                                                                                                               |              |                | 2.5 GHz                                | 3.1 GHz             | 4MB          |                        |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                                             | Intel Pentium® Processor, 7th Generation Intel Core i3 / i5 / i7 Processor, or                                                                                                                         |              |                |                                        |                     |              |                        |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                                             | Processor Number                                                                                                                                                                                       | # of Cores   | # of Threads   | Base Frequency                         | Max Turbo Frequency | Cache        | Memory Types           | Processor Graphics    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                                             | Pen 4415U                                                                                                                                                                                              | 2            | 4              | 2.3 GHz                                | -                   | 2MB          | DDR4-2133              | Intel HD Graphics 610 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                                             | i3-7100U                                                                                                                                                                                               |              |                | 2.4 GHz                                | -                   | 3MB          |                        | Intel HD Graphics 620 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                                             | i3-7130U                                                                                                                                                                                               |              |                | 2.7 GHz                                | -                   | 3MB          |                        |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
| i5-7200U                                    | 2.5 GHz                                                                                                                                                                                                |              |                | 3.1 GHz                                | 3MB                 |              |                        |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
| i7-7500U                                    | 2.7 GHz                                                                                                                                                                                                |              |                | 3.5 GHz                                | 4MB                 |              |                        |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
| 8th Generation Intel Core i5 / i7 Processor |                                                                                                                                                                                                        |              |                |                                        |                     |              |                        |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
| Processor Number                            | # of Cores                                                                                                                                                                                             | # of Threads | Base Frequency | Max Turbo Frequency                    | Cache               | Memory Types | Processor Graphics     |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
| 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                 |              |                        |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
| Graphics                                    | Integrated Graphics in Processor                                                                                                                                                                       |              |                | Discrete Graphics (Memory)             |                     |              |                        |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                                             | Intel HD Graphics 520 / 610 / 620                                                                                                                                                                      |              |                | -                                      |                     |              |                        |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                                             | Intel HD Graphics 610 / 620                                                                                                                                                                            |              |                | NVIDIA® GeForce® 920MX (2GB GDDR5)     |                     |              |                        |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                                             |                                                                                                                                                                                                        |              |                | NVIDIA GeForce 940MX (2GB / 4GB GDDR5) |                     |              |                        |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                                             | Intel UHD Graphics 620                                                                                                                                                                                 |              |                | AMD Radeon 530 (2GB / 4GB GDDR5)       |                     |              |                        |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                                             | supports dual independent display;<br>Max resolution: 1920x1080@60Hz (HDMI)                                                                                                                            |              |                |                                        |                     |              |                        |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
| Chipset                                     | Intel SoC (System on Chip) platform                                                                                                                                                                    |              |                |                                        |                     |              |                        |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
| Memory                                      | 16GB max / 2133MHz DDR4, dual-channel capable, optional<br>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) FHD (1920x1080), anti-glare, LED backlight, 200 nits, 16:9 aspect ratio |              |                |                                        |                     |              |                        |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
| Multi-touch                                 | None                                                                                                                                                                                                   |              |                |                                        |                     |              |                        |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |

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

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August 2018

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# ideapad 320 (15") Intel Platform Specifications - 15ISK

Product Specifications Reference (PSREF)

|                    |                                                                                                                                                                                                        |            |              |                |                     |              |              |                       |                                                                       |                                                                                                                                                                                                                       |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------------|----------------|---------------------|--------------|--------------|-----------------------|-----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processor          | 6th Generation Intel Core™ i3 / i5 / i7 Processor                                                                                                                                                      |            |              |                |                     |              |              |                       | Dimensions                                                            | WxDxH: 14.88" x 10.24" x 0.90"; 378mm x 260mm x 22.9mm                                                                                                                                                                |
|                    | Processor Number                                                                                                                                                                                       | # of Cores | # of Threads | Base Frequency | Max Turbo Frequency | Cache        | Memory Types | Processor Graphics    | Weight                                                                | 2.2 kg (4.85 lb)                                                                                                                                                                                                      |
|                    | i3-6006U                                                                                                                                                                                               | 2          | 4            | 2.0 GHz        | -                   | 3MB          | DDR4-2133    | Intel HD Graphics 520 | Case color                                                            | Onyx black, blizzard white, platinum grey, denim blue, plum purple, or coral red (for fingerprint reader model, only platinum grey and Onyx black are available)                                                      |
|                    | i5-6200U                                                                                                                                                                                               |            |              | 2.3 GHz        | 2.8 GHz             | 3MB          |              |                       | Case material                                                         | PC/ABS plastic                                                                                                                                                                                                        |
| i7-6500U           | 2.5 GHz                                                                                                                                                                                                |            |              | 3.1 GHz        | 4MB                 | Media reader |              |                       | 4-in-1 reader (MMC, SD, SDHC, SDXC)                                   |                                                                                                                                                                                                                       |
| Graphics           | Intel HD Graphics 520 in processor only, or Intel HD Graphics 520 in processor and NVIDIA GeForce 920MX (2GB GDDR5 memory); supports dual independent display; Max resolution: 1920x1080@60Hz (HDMI)   |            |              |                |                     |              |              |                       | Ports                                                                 | two USB 3.1 Gen 1 (USB 3.0), one USB 3.1 Type-C Gen 1, HDMI 1.4b, Ethernet (RJ-45)                                                                                                                                    |
| Chipset            |                                                                                                                                                                                                        |            |              |                |                     |              |              |                       | Intel SoC (System on Chip) platform                                   |                                                                                                                                                                                                                       |
| Memory             | 12GB max / 2133MHz DDR4, dual-channel capable, optional 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket                                                                                    |            |              |                |                     |              |              |                       | Audio support                                                         | HD Audio, stereo speakers with Dolby® Audio, 1.5W x 2 / monaural microphone, combo audio / microphone jack                                                                                                            |
| 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) FHD (1920x1080), anti-glare, LED backlight, 200 nits, 16:9 aspect ratio |            |              |                |                     |              |              |                       | Keyboard                                                              | 6-row, multimedia Fn keys, numeric keypad                                                                                                                                                                             |
| Multi-touch        |                                                                                                                                                                                                        |            |              |                |                     |              |              |                       | None                                                                  |                                                                                                                                                                                                                       |
| 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, 7mm high                                                                                           |            |              |                |                     |              |              |                       | Security                                                              | Power-on password, hard disk password, supervisor password, security keyhole                                                                                                                                          |
| Optical (optional) |                                                                                                                                                                                                        |            |              |                |                     |              |              |                       | DVD burner, 9.0mm high, fixed, not removable, tray-in                 |                                                                                                                                                                                                                       |
| Ethernet           | Gigabit Ethernet connection                                                                                                                                                                            |            |              |                |                     |              |              |                       | Fingerprint reader                                                    | None                                                                                                                                                                                                                  |
| WLAN               | 11ac, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card                                                                                                                                                   |            |              |                |                     |              |              |                       | Battery                                                               | integrated Li-Ion 30Wh or 35Wh battery                                                                                                                                                                                |
| Bluetooth™         |                                                                                                                                                                                                        |            |              |                |                     |              |              |                       | Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter |                                                                                                                                                                                                                       |
|                    |                                                                                                                                                                                                        |            |              |                |                     |              |              |                       | AC adapter                                                            | 45W or 65W AC adapter                                                                                                                                                                                                 |
|                    |                                                                                                                                                                                                        |            |              |                |                     |              |              |                       | Preload                                                               | Windows® 10 Home 64                                                                                                                                                                                                   |
|                    |                                                                                                                                                                                                        |            |              |                |                     |              |              |                       | Limited warranty                                                      | One of the following, configurable by model: <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                                                           | EEPEAT™ Silver; ENERGY STAR® 6.1; RoHS-compliant                                                                                                                                                                      |

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

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August 2018

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