

# ideapad 330 (17") Intel 81DK002SGE

**Region**  
WE

**Country**  
Germany

**Machine Type**  
81DK

**Processor**  
Pentium 4415U (2C, 2.3GHz, 2MB)

**Graphics**  
Integrated Intel HD Graphics 610

**Memory**  
4GB DDR4-2133 Soldered

**Display**  
17.3" HD+ (1600x900) Anti-glare

**Multi-touch**  
None

**Storage**  
128GB SSD

**Optical**  
None

**Ethernet**  
100/1000M

**WLAN + Bluetooth**  
11ac, 1x1 + BT4.1

**Color**  
Onyx Black

**Camera**  
720p

**Microphone**  
Monaural

**Keyboard**  
Non-backlit

**Fingerprint Reader**  
None

**Battery**  
35Wh

**Power Adapter**  
45W

**Operating System**  
None

**Warranty**  
2-year, Depot

**EAN / UPC**  
192940583986

**Ann Date (mm/yy)**  
06/18

## 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 330 (17") Intel Platform Specifications - 17ICH

Product Specifications Reference (PSREF)

|             |                                                                                                                                                                                                                                                  |            |              |                |                     |       |              |                        |                      |                                                                                                                                                                                                                                        |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------------|----------------|---------------------|-------|--------------|------------------------|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processor   | 8th Generation Intel Core i5 / i7 Processor                                                                                                                                                                                                      |            |              |                |                     |       |              |                        | Dimensions           | WxDxH: 16.46" x 11.52" x 0.98"; 418mm x 292.6mm x 24.9mm                                                                                                                                                                               |
|             | Processor Number                                                                                                                                                                                                                                 | # of Cores | # of Threads | Base Frequency | Max Turbo Frequency | Cache | Memory Types | Processor Graphics     | Weight               | 2.8 kg (6.17 lb)                                                                                                                                                                                                                       |
|             | i5-8300H                                                                                                                                                                                                                                         | 4          | 8            | 2.3 GHz        | 4.0 GHz             | 8MB   | DDR4-2400    | Intel UHD Graphics 630 | Case color           | Onyx black or platinum grey                                                                                                                                                                                                            |
|             | i7-8750H                                                                                                                                                                                                                                         | 6          | 12           | 2.2 GHz        | 4.1 GHz             | 9MB   |              |                        | Case material        | PC/ABS plastic                                                                                                                                                                                                                         |
| Graphics    | Intel UHD Graphics 630 in processor and NVIDIA GeForce® GTX 1050, 2GB or 4GB GDDR5 memory; supports dual independent display; Max resolution: 1920x1080@60Hz (HDMI)                                                                              |            |              |                |                     |       |              |                        | Media reader Ports   | 4-in-1 reader (MMC, SD, SDHC, SDXC)<br>Two USB 3.1 Gen 1, one USB 3.1 Type-C Gen 1, HDMI 1.4b, Ethernet (RJ-45), headphone / microphone combo jack, 4-in-1 media reader (MMC, SD, SDHC, SDXC), security keyhole, AC power adapter jack |
|             |                                                                                                                                                                                                                                                  |            |              |                |                     |       |              |                        | Camera Audio support | HD720p (1.0MP), fixed focus, with dual array microphone<br>HD Audio, stereo speakers with Dolby® Audio, 1.5W x 2 / dual array microphone, headphone / microphone combo jack                                                            |
| Chipset     | Mobile Intel HM370 Chipset<br>16GB max / 2400MHz DDR4, dual-channel capable, optional 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket                                                                                                |            |              |                |                     |       |              |                        | Keyboard             | 6-row, multimedia Fn keys, numeric keypad, optional LED backlight                                                                                                                                                                      |
| Memory      |                                                                                                                                                                                                                                                  |            |              |                |                     |       |              |                        | Touchpad             | One-piece multi-touch touchpad                                                                                                                                                                                                         |
| Display     | <i>Some:</i> 17.3" (439mm) HD+ (1600x900), anti-glare, LED backlight, 200 nits, 16:9 aspect ratio<br><i>Some:</i> 17.3" (439mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 72% gamut                          |            |              |                |                     |       |              |                        | Security             | Power-on password, hard disk password, supervisor password, security keyhole                                                                                                                                                           |
|             |                                                                                                                                                                                                                                                  |            |              |                |                     |       |              |                        | Security chip        | None                                                                                                                                                                                                                                   |
| Multi-touch | None                                                                                                                                                                                                                                             |            |              |                |                     |       |              |                        | Fingerprint reader   | None                                                                                                                                                                                                                                   |
| Storage     | <i>Some:</i> HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high<br><i>Some:</i> M.2 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s (e.g. xxxGB SSD M.2 PCIe NVMe)<br><i>Some:</i> 16GB Intel Optane™ memory, PCIe NVMe, PCIe 3.0 x 2, 16Gb/s, M.2                    |            |              |                |                     |       |              |                        | Battery              | Integrated Li-ion 45Wh battery                                                                                                                                                                                                         |
|             |                                                                                                                                                                                                                                                  |            |              |                |                     |       |              |                        | Max battery life     | MobileMark® 2014: 8 hr                                                                                                                                                                                                                 |
| Optical     | None                                                                                                                                                                                                                                             |            |              |                |                     |       |              |                        | AC adapter           | 135W slim tip AC adapter                                                                                                                                                                                                               |
|             |                                                                                                                                                                                                                                                  |            |              |                |                     |       |              |                        | Preload              | Windows® 10 Home 64 or Windows 10 Pro 64                                                                                                                                                                                               |
| Ethernet    | Gigabit Ethernet connection                                                                                                                                                                                                                      |            |              |                |                     |       |              |                        | Limited warranty     | One of the following, configurable by model:<br>• 1-year depot repair service<br>• 2-year/1-yr battery depot repair service                                                                                                            |
| WLAN        | <i>One of the following, configurable by model:</i><br>• 11ac, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card<br>• 11ac, 2x2, Wi-Fi + Bluetooth combo adapter, M.2 Card<br>Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter |            |              |                |                     |       |              |                        | Environment          | EPEAT™ Silver; ENERGY STAR® 6.1; RoHS-compliant                                                                                                                                                                                        |
| Bluetooth™  |                                                                                                                                                                                                                                                  |            |              |                |                     |       |              |                        |                      |                                                                                                                                                                                                                                        |

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

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# ideapad 330 (17") Intel Platform Specifications - 17IKB / 17IKBR

Product Specifications Reference (PSREF)

|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |              |                |                     |       |              |                        |                    |                                                                                                                                                                                                                                                                                                                                  |  |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------------|----------------|---------------------|-------|--------------|------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Processor   | Intel® Pentium® Processor or 7th Generation Intel Core™ i5 / i7 Processor                                                                                                                                                                                                                                                                                                                                                                                                                |            |              |                |                     |       |              |                        | Storage            | Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high<br>Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high (e.g. xxxGB SSD)<br>Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s (e.g. xxxGB SSD M.2 PCIe NVMe)<br>Some: 16GB Intel Optane™ memory, PCIe NVMe, PCIe 3.0 x 2, 16Gb/s, M.2 DVD burner, 9.0mm high, fixed, not removable, tray-in |  |
|             | Processor Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | # of Cores | # of Threads | Base Frequency | Max Turbo Frequency | Cache | Memory Types | Processor Graphics     | Optical (optional) | DVD burner, 9.0mm high, fixed, not removable, tray-in                                                                                                                                                                                                                                                                            |  |
|             | Pen 4415U                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2          | 4            | 2.3 GHz        | -                   | 2MB   | DDR4-2133    | Intel HD Graphics 610  | Ethernet           | Gigabit Ethernet connection                                                                                                                                                                                                                                                                                                      |  |
|             | i3-7020U                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |            |              | 2.3 GHz        | -                   | 3MB   |              | Intel HD Graphics 620  |                    |                                                                                                                                                                                                                                                                                                                                  |  |
|             | i3-7100U                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |            |              | 2.4 GHz        | -                   | 3MB   |              |                        |                    |                                                                                                                                                                                                                                                                                                                                  |  |
|             | i3-7130U                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |            |              | 2.7 GHz        | -                   | 3MB   |              |                        |                    |                                                                                                                                                                                                                                                                                                                                  |  |
|             | i5-7200U                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |            |              | 2.5 GHz        | 3.1 GHz             | 3MB   |              |                        |                    |                                                                                                                                                                                                                                                                                                                                  |  |
|             | i7-7500U                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |            |              | 2.7 GHz        | 3.5 GHz             | 4MB   |              |                        | WLAN               | 11ac, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card                                                                                                                                                                                                                                                                             |  |
|             | 17IKBR: 7th Generation Intel Core i3 Processor or 8th Generation Intel Core i3 / i5 / i7 Processor                                                                                                                                                                                                                                                                                                                                                                                       |            |              |                |                     |       |              |                        | Bluetooth™         | Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter                                                                                                                                                                                                                                                            |  |
|             | Processor Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | # of Cores | # of Threads | Base Frequency | Max Turbo Frequency | Cache | Memory Types | Processor Graphics     | Dimensions         | WxDxH: 16.46" x 11.52" x 0.98"; 418mm x 292.6mm x 24.9mm                                                                                                                                                                                                                                                                         |  |
|             | i3-7020U                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2          | 4            | 2.3 GHz        | -                   | 3MB   | DDR4-2133    | Intel HD Graphics 620  | Weight             | 2.8 kg (6.17 lb)                                                                                                                                                                                                                                                                                                                 |  |
|             | i3-8130U                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2          | 4            | 2.2 GHz        | 3.4 GHz             | 4MB   | DDR4-2133    | Intel UHD Graphics 620 | Case color         | Onyx black or platinum grey                                                                                                                                                                                                                                                                                                      |  |
|             | i5-8250U                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 4          | 8            | 1.6 GHz        | 3.4 GHz             | 6MB   |              |                        | Case material      | PC/ABS plastic                                                                                                                                                                                                                                                                                                                   |  |
|             | i7-8550U                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |            |              | 1.8 GHz        | 4.0 GHz             | 8MB   |              |                        | Media reader Ports | 4-in-1 reader (MMC, SD, SDHC, SDXC)<br>Two USB 3.1 Gen 1, one USB 3.1 Type-C Gen 1, HDMI 1.4b, Ethernet (RJ-45), headphone / microphone combo jack, 4-in-1 media reader (MMC, SD, SDHC, SDXC), security keyhole, AC power adapter jack                                                                                           |  |
| Graphics    | 17IKB: Intel HD Graphics 610 or 620 in processor only, or Intel HD Graphics 610 or 620 in processor and NVIDIA GeForce® MX110 or MX130 (2GB GDDR5 memory);<br>17IKBR: Intel HD Graphics 620 or Intel UHD Graphics 620 in processor only, or Intel HD Graphics 620 or Intel UHD Graphics 620 in processor and NVIDIA GeForce MX150 (2GB or 4GB GDDR5 memory) or AMD Radeon™ 530 (2GB or 4GB GDDR5 memory);<br>supports dual independent display;<br>Max resolution: 1920x1080@60Hz (HDMI) |            |              |                |                     |       |              |                        | Camera             | 0.3MP or HD720p (1.0MP), fixed focus, with monaural microphone                                                                                                                                                                                                                                                                   |  |
|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |              |                |                     |       |              |                        | Audio support      | HD Audio, stereo speakers with Dolby® Audio, 1.5W x 2 / monaural microphone, headphone / microphone combo jack                                                                                                                                                                                                                   |  |
|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |              |                |                     |       |              |                        | Keyboard           | 6-row, multimedia Fn keys, numeric keypad                                                                                                                                                                                                                                                                                        |  |
|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |              |                |                     |       |              |                        | Touchpad           | One-piece multi-touch touchpad                                                                                                                                                                                                                                                                                                   |  |
|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |              |                |                     |       |              |                        | Security           | Power-on password, hard disk password, supervisor password, security keyhole                                                                                                                                                                                                                                                     |  |
|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |              |                |                     |       |              |                        | Security chip      | None                                                                                                                                                                                                                                                                                                                             |  |
|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |              |                |                     |       |              |                        | Fingerprint reader | None                                                                                                                                                                                                                                                                                                                             |  |
|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |              |                |                     |       |              |                        | Battery            | Integrated Li-ion 30Wh or 35Wh battery                                                                                                                                                                                                                                                                                           |  |
|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |              |                |                     |       |              |                        | Max battery life   | MobileMark® 2014: 6 hr                                                                                                                                                                                                                                                                                                           |  |
|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |              |                |                     |       |              |                        | AC adapter         | 45W or 65W slim tip AC adapter                                                                                                                                                                                                                                                                                                   |  |
|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |              |                |                     |       |              |                        | Preload            | Windows® 10 Home 64 or Windows 10 Pro 64                                                                                                                                                                                                                                                                                         |  |
| Chipset     | Intel SoC (System on Chip) platform                                                                                                                                                                                                                                                                                                                                                                                                                                                      |            |              |                |                     |       |              |                        | Limited warranty   | One of the following, configurable by model:                                                                                                                                                                                                                                                                                     |  |
| Memory      | 16GB max / 2133MHz DDR4, dual-channel capable, optional 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket                                                                                                                                                                                                                                                                                                                                                                      |            |              |                |                     |       |              |                        |                    | • 1-year depot repair service<br>• 2-year/1-yr battery depot repair service                                                                                                                                                                                                                                                      |  |
| Display     | Some: 17.3" (439mm) HD+ (1600x900), anti-glare, LED backlight, 200 nits, 16:9 aspect ratio<br>Some: 17.3" (439mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 72% gamut                                                                                                                                                                                                                                                                                |            |              |                |                     |       |              |                        | Environment        | EPEAT™ Silver; ENERGY STAR® 6.1; RoHS-compliant                                                                                                                                                                                                                                                                                  |  |
| Multi-touch | None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |            |              |                |                     |       |              |                        |                    |                                                                                                                                                                                                                                                                                                                                  |  |

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August 2018

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