

# ideapad 330 (17") Intel 81DK004KGE

**Region**  
WE

**Country**  
Germany

**Machine Type**  
81DK

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

**Graphics**  
Integrated Intel HD Graphics 610

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

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

**Multi-touch**  
None

**Storage**  
2TB 5400rpm

**Optical**  
None

**Ethernet**  
100/1000M

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

**Color**  
Platinum Grey

**Camera**  
720p

**Microphone**  
Monaural

**Keyboard**  
Non-backlit

**Fingerprint Reader**  
None

**Battery**  
30Wh

**Power Adapter**  
45W

**Operating System**  
Windows 10 Home 64

**Warranty**  
2-year, Depot

**EAN / UPC**  
193268297821

**Ann Date (mm/yy)**  
09/18

**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	<i>WxDxH:</i> 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) 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
Chipset	Mobile Intel HM370 Chipset								Camera	HD720p (1.0MP), fixed focus, with dual array microphone
Memory	16GB max / 2400MHz 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 / dual array microphone, headphone / microphone combo jack
Display	<i>Some:</i> 17.3" (439mm) HD+ (1600x900), anti-glare, LED backlight, 200 nits, 16:9 aspect ratio <i>Some:</i> 17.3" (439mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 72% gamut								Keyboard	6-row, multimedia Fn keys, numeric keypad, optional LED backlight
Multi-touch	None								Touchpad	One-piece multi-touch touchpad
Storage	<i>Some:</i> HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high <i>Some:</i> M.2 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s (e.g. xxxGB SSD M.2 PCIe NVMe) <i>Some:</i> 16GB Intel Optane™ memory, PCIe NVMe, PCIe 3.0 x 2, 16Gb/s, M.2								Security	Power-on password, hard disk password, supervisor password, security keyhole
Optical	None								Security chip	None
Ethernet	Gigabit Ethernet connection								Fingerprint reader	None
WLAN	<i>One of the following, configurable by model:</i> • 11ac, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card • 11ac, 2x2, Wi-Fi + Bluetooth combo adapter, M.2 Card								Battery	Integrated Li-ion 45Wh battery
Bluetooth™	Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter								Max battery life	MobileMark® 2014: 8 hr
									AC adapter	135W slim tip AC adapter
									Preload	Windows® 10 Home 64 or Windows 10 Pro 64
									Limited warranty	<i>One of the following, configurable by model:</i> • 1-year depot repair service • 2-year/1-yr battery depot repair service
									Environment	EPEAT™ Silver; ENERGY STAR® 6.1; RoHS-compliant

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

Lenovo  
July 2018



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

Product Specifications Reference (PSREF)



Processor	<p><b>17IKB:</b> Intel® Pentium® Processor or 7th Generation Intel Core™ i5 / i7 Processor</p> <table border="1"> <thead> <tr> <th>Processor Number</th> <th># of Cores</th> <th># of Threads</th> <th>Base Frequency</th> <th>Max Turbo Frequency</th> <th>Cache</th> <th>Memory Types</th> <th>Processor Graphics</th> </tr> </thead> <tbody> <tr> <td>Pen 4415U</td> <td rowspan="6">2</td> <td rowspan="6">4</td> <td>2.3 GHz</td> <td>-</td> <td>2MB</td> <td rowspan="6">DDR4-2133</td> <td>Intel HD Graphics 610</td> </tr> <tr> <td>i3-7020U</td> <td>2.3 GHz</td> <td>-</td> <td>3MB</td> <td rowspan="5">Intel HD Graphics 620</td> </tr> <tr> <td>i3-7100U</td> <td>2.4 GHz</td> <td>-</td> <td>3MB</td> </tr> <tr> <td>i3-7130U</td> <td>2.7 GHz</td> <td>-</td> <td>3MB</td> </tr> <tr> <td>i5-7200U</td> <td>2.5 GHz</td> <td>3.1 GHz</td> <td>3MB</td> </tr> <tr> <td>i7-7500U</td> <td>2.7 GHz</td> <td>3.5 GHz</td> <td>4MB</td> </tr> </tbody> </table> <p><b>17IKBR:</b> 7th Generation Intel Core i3 Processor or 8th Generation Intel Core i3 / i5 / i7 Processor</p> <table border="1"> <thead> <tr> <th>Processor Number</th> <th># of Cores</th> <th># of Threads</th> <th>Base Frequency</th> <th>Max Turbo Frequency</th> <th>Cache</th> <th>Memory Types</th> <th>Processor Graphics</th> </tr> </thead> <tbody> <tr> <td>i3-7020U</td> <td>2</td> <td>4</td> <td>2.3 GHz</td> <td>-</td> <td>3MB</td> <td>DDR4-2133</td> <td>Intel HD Graphics 620</td> </tr> <tr> <td>i3-8130U</td> <td>2</td> <td>4</td> <td>2.2 GHz</td> <td>3.4 GHz</td> <td>4MB</td> <td rowspan="3">DDR4-2133</td> <td rowspan="3">Intel UHD Graphics 620</td> </tr> <tr> <td>i5-8250U</td> <td rowspan="2">4</td> <td rowspan="2">8</td> <td>1.6 GHz</td> <td>3.4 GHz</td> <td>6MB</td> </tr> <tr> <td>i7-8550U</td> <td>1.8 GHz</td> <td>4.0 GHz</td> <td>8MB</td> </tr> </tbody> </table>							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	i3-7020U	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	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	i3-7020U	2	4	2.3 GHz	-	3MB	DDR4-2133	Intel HD Graphics 620	i3-8130U	2	4	2.2 GHz	3.4 GHz	4MB	DDR4-2133	Intel UHD Graphics 620	i5-8250U	4	8	1.6 GHz	3.4 GHz	6MB	i7-8550U	1.8 GHz	4.0 GHz	8MB	Storage	<p><i>Some:</i> HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high</p> <p><i>Some:</i> SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high (e.g. xxxGB SSD)</p> <p><i>Some:</i> M.2 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s (e.g. xxxGB SSD M.2 PCIe NVMe)</p> <p><i>Some:</i> 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</p>
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Graphics	<p><b>17IKB:</b> 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);</p> <p><b>17IKBR:</b> 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);</p> <p>supports dual independent display; Max resolution: 1920x1080@60Hz (HDMI)</p>							Optical (optional)	Gigabit Ethernet connection																																																																							
Chipset	Intel SoC (System on Chip) platform							Ethernet	11ac, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card																																																																							
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