

# ideapad 330 (15") AMD 81D20095GE

Region  
WE

Country  
Germany

Machine Type  
81D2

Processor  
AMD Ryzen 5 2500U (4C, 2.0 / 3.6GHz, 2MB)

Graphics  
Integrated AMD Radeon Vega 8 Graphics

Memory  
4GB Soldered + 4GB DIMM DDR4-2400

Display  
15.6" HD (1366x768) Anti-glare

Multi-touch  
None

Storage  
256GB 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  
Windows 10 Home 64

Warranty  
2-year, Depot

Ann Date (mm/yy)  
07/18

## 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 (15") AMD Platform Specifications

Product Specifications Reference (PSREF)

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| Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 15AST: AMD A-Series or E-Series APUs                                                                                                                                                                                                                                                                                                                                                                                                                             |            |              |                |                     |                                |              |                            | Media reader Ports   | 4-in-1 reader (MMC, SD, SDHC, SDXC)<br>15AST: one USB 2.0, one USB 3.1 Gen 1<br>15ARR: two USB 3.1 Gen 1 (USB 3.0), one USB 3.1 Type-C Gen 1<br>All: HDMI 1.4a, Ethernet (RJ-45), headphone / microphone combo jack, security keyhole, AC power adapter jack |                                                                                                                                                                              |                                                                                                          |                                                 |                                                                                                                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Processor Number                                                                                                                                                                                                                                                                                                                                                                                                                                                 | # of Cores | # of Threads | Base Frequency | Max Turbo Frequency | Cache                          | Memory Types | Processor Graphics         |                      |                                                                                                                                                                                                                                                              |                                                                                                                                                                              |                                                                                                          |                                                 |                                                                                                                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | E2-9000                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2          | 2            | 1.8 GHz        | 2.2 GHz             | 1MB                            | DDR4-1866    | AMD Radeon™ R2 Graphics    |                      |                                                                                                                                                                                                                                                              |                                                                                                                                                                              |                                                                                                          |                                                 |                                                                                                                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | A4-9125                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |              | 2.3 GHz        | 2.6 GHz             |                                | DDR4-2133    | AMD Radeon R3 Graphics     |                      |                                                                                                                                                                                                                                                              |                                                                                                                                                                              |                                                                                                          |                                                 |                                                                                                                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | A6-9225                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |              | 2.6 GHz        | 3.0 GHz             |                                |              | AMD Radeon R4 Graphics     |                      |                                                                                                                                                                                                                                                              |                                                                                                                                                                              |                                                                                                          |                                                 |                                                                                                                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | A9-9425                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |              | 3.1 GHz        | 3.7 GHz             |                                |              | AMD Radeon R5 Graphics     |                      |                                                                                                                                                                                                                                                              |                                                                                                                                                                              |                                                                                                          |                                                 |                                                                                                                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 15ARR: AMD Ryzen™ Mobile Processors with Radeon Vega Graphics                                                                                                                                                                                                                                                                                                                                                                                                    |            |              |                |                     |                                |              |                            |                      | Dimensions<br>Weight<br>Case color<br>Case material                                                                                                                                                                                                          | WxDxH: 14.89" x 10.24" x 0.9"; 378mm x 260mm x 22.9mm<br>2.2 kg (4.85 lb)<br>Blizzard white, platinum grey, onyx black, mid night blue, or chocolate brown<br>PC/ABS plastic |                                                                                                          |                                                 |                                                                                                                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Processor Number                                                                                                                                                                                                                                                                                                                                                                                                                                                 | # of Cores | # of Threads | Base Frequency | Max Turbo Frequency | Cache                          | Memory Type  | Processor Graphics         |                      |                                                                                                                                                                                                                                                              |                                                                                                                                                                              |                                                                                                          |                                                 |                                                                                                                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Ryzen 3 2200U                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2          | 4            | 2.5 GHz        | 3.4 GHz             | 1MB                            | DDR4-2400    | AMD Radeon Vega 3 Graphics |                      |                                                                                                                                                                                                                                                              |                                                                                                                                                                              |                                                                                                          |                                                 |                                                                                                                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Ryzen 5 2500U                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 4          | 8            | 2.0 GHz        | 3.6 GHz             | 2MB                            |              | AMD Radeon Vega 8 Graphics |                      |                                                                                                                                                                                                                                                              |                                                                                                                                                                              |                                                                                                          |                                                 |                                                                                                                             |
| Ryzen 7 2700U                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 8          | 2.2 GHz      | 3.8 GHz        | 2MB                 | AMD Radeon RX Vega 10 Graphics |              |                            |                      |                                                                                                                                                                                                                                                              |                                                                                                                                                                              |                                                                                                          |                                                 |                                                                                                                             |
| Graphics                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 15AST: AMD Radeon R2, R3, R4, or R5 Graphics in processor only, AMD Radeon R2, R3, R4, or R5 Graphics in processor and AMD Radeon 530 (2GB GDDR5 memory);<br>15ARR: AMD Radeon Vega 3, Vega 8, RX Vega 10 Graphics in processor only, AMD Radeon Vega 8 or RX Vega 10 Graphics in processor and AMD Radeon 540 (2GB GDDR5 memory);<br>supports external digital monitor via HDMI;<br>supports dual independent display;<br>Max resolution: 1920x1080@60Hz (HDMI) |            |              |                |                     |                                |              |                            | Keyboard<br>Touchpad | 6-row, multimedia Fn keys, numeric keypad<br>One-piece multi-touch touchpad                                                                                                                                                                                  |                                                                                                                                                                              |                                                                                                          |                                                 |                                                                                                                             |
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| 15AST: AMD Radeon R2, R3, R4, or R5 Graphics in processor only, AMD Radeon R2, R3, R4, or R5 Graphics in processor and AMD Radeon 530 (2GB GDDR5 memory);<br>15ARR: AMD Radeon Vega 3, Vega 8, RX Vega 10 Graphics in processor only, AMD Radeon Vega 8 or RX Vega 10 Graphics in processor and AMD Radeon 540 (2GB GDDR5 memory);<br>supports external digital monitor via HDMI;<br>supports dual independent display;<br>Max resolution: 1920x1080@60Hz (HDMI) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |              |                |                     |                                |              |                            | Environment          | EPEAT™ Silver; ENERGY STAR® 6.1; RoHS-compliant                                                                                                                                                                                                              |                                                                                                                                                                              |                                                                                                          |                                                 |                                                                                                                             |
| 15AST: AMD Radeon R2, R3, R4, or R5 Graphics in processor only, AMD Radeon R2, R3, R4, or R5 Graphics in processor and AMD Radeon 530 (2GB GDDR5 memory);<br>15ARR: AMD Radeon Vega 3, Vega 8, RX Vega 10 Graphics in processor only, AMD Radeon Vega 8 or RX Vega 10 Graphics in processor and AMD Radeon 540 (2GB GDDR5 memory);<br>supports external digital monitor via HDMI;<br>supports dual independent display;<br>Max resolution: 1920x1080@60Hz (HDMI) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |              |                |                     |                                |              |                            |                      |                                                                                                                                                                                                                                                              | Environment                                                                                                                                                                  | EPEAT™ Silver; ENERGY STAR® 6.1; RoHS-compliant                                                          |                                                 |                                                                                                                             |
| 15AST: AMD Radeon R2, R3, R4, or R5 Graphics in processor only, AMD Radeon R2, R3, R4, or R5 Graphics in processor and AMD Radeon 530 (2GB GDDR5 memory);<br>15ARR: AMD Radeon Vega 3, Vega 8, RX Vega 10 Graphics in processor only, AMD Radeon Vega 8 or RX Vega 10 Graphics in processor and AMD Radeon 540 (2GB GDDR5 memory);<br>supports external digital monitor via HDMI;<br>supports dual independent display;<br>Max resolution: 1920x1080@60Hz (HDMI) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |              |                |                     |                                |              | Environment                |                      |                                                                                                                                                                                                                                                              |                                                                                                                                                                              |                                                                                                          | EPEAT™ Silver; ENERGY STAR® 6.1; RoHS-compliant |                                                                                                                             |
| 15AST: AMD Radeon R2, R3, R4, or R5 Graphics in processor only, AMD Radeon R2, R3, R4, or R5 Graphics in processor and AMD Radeon 530 (2GB GDDR5 memory);<br>15ARR: AMD Radeon Vega 3, Vega 8, RX Vega 10 Graphics in processor only, AMD Radeon Vega 8 or RX Vega 10 Graphics in processor and AMD Radeon 540 (2GB GDDR5 memory);<br>supports external digital monitor via HDMI;<br>supports dual independent display;<br>Max resolution: 1920x1080@60Hz (HDMI) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |              |                |                     |                                |              |                            |                      |                                                                                                                                                                                                                                                              |                                                                                                                                                                              |                                                                                                          |                                                 | Environment                                                                                                                 |
| 15AST: AMD Radeon R2, R3, R4, or R5 Graphics in processor only, AMD Radeon R2, R3, R4, or R5 Graphics in processor and AMD Radeon 530 (2GB GDDR5 memory);<br>15ARR: AMD Radeon Vega 3, Vega 8, RX Vega 10 Graphics in processor only, AMD Radeon Vega 8 or RX Vega 10 Graphics in processor and AMD Radeon 540 (2GB GDDR5 memory);<br>supports external digital monitor via HDMI;<br>supports dual independent display;<br>Max resolution: 1920x1080@60Hz (HDMI) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |              |                |                     |                                |              |                            | Environment          | EPEAT™ Silver; ENERGY STAR® 6.1; RoHS-compliant                                                                                                                                                                                                              |                                                                                                                                                                              |                                                                                                          |                                                 |                                                                                                                             |
| 15AST: AMD Radeon R2, R3, R4, or R5 Graphics in processor only, AMD Radeon R2, R3, R4, or R5 Graphics in processor and AMD Radeon 530 (2GB GDDR5 memory);<br>15ARR: AMD Radeon Vega 3, Vega 8, RX Vega 10 Graphics in processor only, AMD Radeon Vega 8 or RX Vega 10 Graphics in processor and AMD Radeon 540 (2GB GDDR5 memory);<br>supports external digital monitor via HDMI;<br>supports dual independent display;<br>Max resolution: 1920x1080@60Hz (HDMI) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |              |                |                     |                                |              |                            |                      |                                                                                                                                                                                                                                                              | Environment                                                                                                                                                                  | EPEAT™ Silver; ENERGY STAR® 6.1; RoHS-compliant                                                          |                                                 |                                                                                                                             |
| 15AST: AMD Radeon R2, R3, R4, or R5 Graphics in processor only, AMD Radeon R2, R3, R4, or R5 Graphics in processor and AMD Radeon 530 (2GB GDDR5 memory);<br>15ARR: AMD Radeon Vega 3, Vega 8, RX Vega 10 Graphics in processor only, AMD Radeon Vega 8 or RX Vega 10 Graphics in processor and AMD Radeon 540 (2GB GDDR5 memory);<br>supports external digital monitor via HDMI;<br>supports dual independent display;<br>Max resolution: 1920x1080@60Hz (HDMI) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |              |                |                     |                                |              | Environment                |                      |                                                                                                                                                                                                                                                              |                                                                                                                                                                              |                                                                                                          | EPEAT™ Silver; ENERGY STAR® 6.1; RoHS-compliant |                                                                                                                             |
| 15AST: AMD Radeon R2, R3, R4, or R5 Graphics in processor only, AMD Radeon R2, R3, R4, or R5 Graphics in processor and AMD Radeon 530 (2GB GDDR5 memory);<br>15ARR: AMD Radeon Vega 3, Vega 8, RX Vega 10 Graphics in processor only, AMD Radeon Vega 8 or RX Vega 10 Graphics in processor and AMD Radeon 540 (2GB GDDR5 memory);<br>supports external digital monitor via HDMI;<br>supports dual independent display;<br>Max resolution: 1920x1080@60Hz (HDMI) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |              |                |                     |                                |              |                            |                      |                                                                                                                                                                                                                                                              |                                                                                                                                                                              |                                                                                                          |                                                 | Environment                                                                                                                 |
| 15AST: AMD Radeon R2, R3, R4, or R5 Graphics in processor only, AMD Radeon R2, R3, R4, or R5 Graphics in processor and AMD Radeon 530 (2GB GDDR5 memory);<br>15ARR: AMD Radeon Vega 3, Vega 8, RX Vega 10 Graphics in processor only, AMD Radeon Vega 8 or RX Vega 10 Graphics in processor and AMD Radeon 540 (2GB GDDR5 memory);<br>supports external digital monitor via HDMI;<br>supports dual independent display;<br>Max resolution: 1920x1080@60Hz (HDMI) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |              |                |                     |                                |              |                            | Environment          | EPEAT™ Silver; ENERGY STAR® 6.1; RoHS-compliant                                                                                                                                                                                                              |                                                                                                                                                                              |                                                                                                          |                                                 |                                                                                                                             |
| 15AST: AMD Radeon R2, R3, R4, or R5 Graphics in processor only, AMD Radeon R2, R3, R4, or R5 Graphics in processor and AMD Radeon 530 (2GB GDDR5 memory);<br>15ARR: AMD Radeon Vega 3, Vega 8, RX Vega 10 Graphics in processor only, AMD Radeon Vega 8 or RX Vega 10 Graphics in processor and AMD Radeon 540 (2GB GDDR5 memory);<br>supports external digital monitor via HDMI;<br>supports dual independent display;<br>Max resolution: 1920x1080@60Hz (HDMI) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |              |                |                     |                                |              |                            |                      |                                                                                                                                                                                                                                                              | Environment                                                                                                                                                                  | EPEAT™ Silver; ENERGY STAR® 6.1; RoHS-compliant                                                          |                                                 |                                                                                                                             |
| 15AST: AMD Radeon R2, R3, R4, or R5 Graphics in processor only, AMD Radeon R2, R3, R4, or R5 Graphics in processor and AMD Radeon 530 (2GB GDDR5 memory);<br>15ARR: AMD Radeon Vega 3, Vega 8, RX Vega 10 Graphics in processor only, AMD Radeon Vega 8 or RX Vega 10 Graphics in processor and AMD Radeon 540 (2GB GDDR5 memory);<br>supports external digital monitor via HDMI;<br>supports dual independent display;<br>Max resolution: 1920x1080@60Hz (HDMI) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |              |                |                     |                                |              | Environment                |                      |                                                                                                                                                                                                                                                              |                                                                                                                                                                              |                                                                                                          | EPEAT™ Silver; ENERGY STAR® 6.1; RoHS-compliant |                                                                                                                             |
| 15AST: AMD Radeon R2, R3, R4, or R5 Graphics in processor only, AMD Radeon R2, R3, R4, or R5 Graphics in processor and AMD Radeon 530 (2GB GDDR5 memory);<br>15ARR: AMD Radeon Vega 3, Vega 8, RX Vega 10 Graphics in processor only, AMD Radeon Vega 8 or RX Vega 10 Graphics in processor and AMD Radeon 540 (2GB GDDR5 memory);<br>supports external digital monitor via HDMI;<br>supports dual independent display;<br>Max resolution: 1920x1080@60Hz (HDMI) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |              |                |                     |                                |              |                            |                      |                                                                                                                                                                                                                                                              |                                                                                                                                                                              |                                                                                                          |                                                 | Environment                                                                                                                 |
| 15AST: AMD Radeon R2, R3, R4, or R5 Graphics in processor only, AMD Radeon R2, R3, R4, or R5 Graphics in processor and AMD Radeon 530 (2GB GDDR5 memory);<br>15ARR: AMD Radeon Vega 3, Vega 8, RX Vega 10 Graphics in processor only, AMD Radeon Vega 8 or RX Vega 10 Graphics in processor and AMD Radeon 540 (2GB GDDR5 memory);<br>supports external digital monitor via HDMI;<br>supports dual independent display;<br>Max resolution: 1920x1080@60Hz (HDMI) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |              |                |                     |                                |              |                            | Environment          | EPEAT™ Silver; ENERGY STAR® 6.1; RoHS-compliant                                                                                                                                                                                                              |                                                                                                                                                                              |                                                                                                          |                                                 |                                                                                                                             |
| 15AST: AMD Radeon R2, R3, R4, or R5 Graphics in processor only, AMD Radeon R2, R3, R4, or R5 Graphics in processor and AMD Radeon 530 (2GB GDDR5 memory);<br>15ARR: AMD Radeon Vega 3, Vega 8, RX Vega 10 Graphics in processor only, AMD Radeon Vega 8 or RX Vega 10 Graphics in processor and AMD Radeon 540 (2GB GDDR5 memory);<br>supports external digital monitor via HDMI;<br>supports dual independent display;<br>Max resolution: 1920x1080@60Hz (HDMI) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |              |                |                     |                                |              |                            |                      |                                                                                                                                                                                                                                                              | Environment                                                                                                                                                                  | EPEAT™ Silver; ENERGY STAR® 6.1; RoHS-compliant                                                          |                                                 |                                                                                                                             |
| 15AST: AMD Radeon R2, R3, R4, or R5 Graphics in processor only, AMD Radeon R2, R3, R4, or R5 Graphics in processor and AMD Radeon 530 (2GB GDDR5 memory);<br>15ARR: AMD Radeon Vega 3, Vega 8, RX Vega 10 Graphics in processor only, AMD Radeon Vega 8 or RX Vega 10 Graphics in processor and AMD Radeon 540 (2GB GDDR5 memory);<br>supports external digital monitor via HDMI;<br>supports dual independent display;<br>Max resolution: 1920x1080@60Hz (HDMI) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |              |                |                     |                                |              | Environment                |                      |                                                                                                                                                                                                                                                              |                                                                                                                                                                              |                                                                                                          | EPEAT™ Silver; ENERGY STAR® 6.1; RoHS-compliant |                                                                                                                             |
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| 15AST: AMD Radeon R2, R3, R4, or R5 Graphics in processor only, AMD Radeon R2, R3, R4, or R5 Graphics in processor and AMD Radeon 530 (2GB GDDR5 memory);<br>15ARR: AMD Radeon Vega 3, Vega 8, RX Vega 10 Graphics in processor only, AMD Radeon Vega 8 or RX Vega 10 Graphics in processor and AMD Radeon 540 (2GB GDDR5 memory);<br>supports external digital monitor via HDMI;<br>supports dual independent display;<br>Max resolution: 1920x1080@60Hz (HDMI) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |              |                |                     |                                |              |                            | Environment          | EPEAT™ Silver; ENERGY STAR® 6.1; RoHS-compliant                                                                                                                                                                                                              |                                                                                                                                                                              |                                                                                                          |                                                 |                                                                                                                             |
| 15AST: AMD Radeon R2, R3, R4, or R5 Graphics in processor only, AMD Radeon R2, R3, R4, or R5 Graphics in processor and AMD Radeon 530 (2GB GDDR5 memory);<br>15ARR: AMD Radeon Vega 3, Vega 8, RX Vega 10 Graphics in processor only, AMD Radeon Vega 8 or RX Vega 10 Graphics in processor and AMD Radeon 540 (2GB GDDR5 memory);<br>supports external digital monitor via HDMI;<br>supports dual independent display;<br>Max resolution: 1920x1080@60Hz (HDMI) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |              |                |                     |                                |              |                            |                      |                                                                                                                                                                                                                                                              | Environment                                                                                                                                                                  | EPEAT™ Silver; ENERGY STAR® 6.1; RoHS-compliant                                                          |                                                 |                                                                                                                             |
| 15AST: AMD Radeon R2, R3, R4, or R5 Graphics in processor only, AMD Radeon R2, R3, R4, or R5 Graphics in processor and AMD Radeon 530 (2GB GDDR5 memory);<br>15ARR: AMD Radeon Vega 3, Vega 8, RX Vega 10 Graphics in processor only, AMD Radeon Vega 8 or RX Vega 10 Graphics in processor and AMD Radeon 540 (2GB GDDR5 memory);<br>supports external digital monitor via HDMI;<br>supports dual independent display;<br>Max resolution: 1920x1080@60Hz (HDMI) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |              |                |                     |                                |              | Environment                |                      |                                                                                                                                                                                                                                                              |                                                                                                                                                                              |                                                                                                          | EPEAT™ Silver; ENERGY STAR® 6.1; RoHS-compliant |                                                                                                                             |
| 15AST: AMD Radeon R2, R3, R4, or R5 Graphics in processor only, AMD Radeon R2, R3, R4, or R5 Graphics in processor and AMD Radeon 530 (2GB GDDR5 memory);<br>15ARR: AMD Radeon Vega 3, Vega 8, RX Vega 10 Graphics in processor only, AMD Radeon Vega 8 or RX Vega 10 Graphics in processor and AMD Radeon 540 (2GB GDDR5 memory);<br>supports external digital monitor via HDMI;<br>supports dual independent display;<br>Max resolution: 1920x1080@60Hz (HDMI) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |              |                |                     |                                |              |                            |                      |                                                                                                                                                                                                                                                              |                                                                                                                                                                              |                                                                                                          |                                                 | Environment                                                                                                                 |
| 15AST: AMD Radeon R2, R3, R4, or R5 Graphics in processor only, AMD Radeon R2, R3, R4, or R5 Graphics in processor and AMD Radeon 530 (2GB GDDR5 memory);<br>15ARR: AMD Radeon Vega 3, Vega 8, RX Vega 10 Graphics in processor only, AMD Radeon Vega 8 or RX Vega 10 Graphics in processor and AMD Radeon 540 (2GB GDDR5 memory);<br>supports external digital monitor via HDMI;<br>supports dual independent display;<br>Max resolution: 1920x1080@60Hz (HDMI) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |              |                |                     |                                |              |                            | Environment          | EPEAT™ Silver; ENERGY STAR® 6.1; RoHS-compliant                                                                                                                                                                                                              |                                                                                                                                                                              |                                                                                                          |                                                 |                                                                                                                             |
| 15AST: AMD Radeon R2, R3, R4, or R5 Graphics in processor only, AMD Radeon R2, R3, R4, or R5 Graphics in processor and AMD Radeon 530 (2GB GDDR5 memory);<br>15ARR: AMD Radeon Vega 3, Vega 8, RX Vega 10 Graphics in processor only, AMD Radeon Vega 8 or RX Vega 10 Graphics in processor and AMD Radeon 540 (2GB GDDR5 memory);<br>supports external digital monitor via HDMI;<br>supports dual independent display;<br>Max resolution: 1920x1080@60Hz (HDMI) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |              |                |                     |                                |              |                            |                      |                                                                                                                                                                                                                                                              | Environment                                                                                                                                                                  | EPEAT™ Silver; ENERGY STAR® 6.1; RoHS-compliant                                                          |                                                 |                                                                                                                             |
| 15AST: AMD Radeon R2, R3, R4, or R5 Graphics in processor only, AMD Radeon R2, R3, R4, or R5 Graphics in processor and AMD Radeon 530 (2GB GDDR5 memory);<br>15ARR: AMD Radeon Vega 3, Vega 8, RX Vega 10 Graphics in processor only, AMD Radeon Vega 8 or RX Vega 10 Graphics in processor and AMD Radeon 540 (2GB GDDR5 memory);<br>supports external digital monitor via HDMI;<br>supports dual independent display;<br>Max resolution: 1920x1080@60Hz (HDMI) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |              |                |                     |                                |              | Environment                |                      |                                                                                                                                                                                                                                                              |                                                                                                                                                                              |                                                                                                          | EPEAT™ Silver; ENERGY STAR® 6.1; RoHS-compliant |                                                                                                                             |
| 15AST: AMD Radeon R2, R3, R4, or R5 Graphics in processor only, AMD Radeon R2, R3, R4, or R5 Graphics in processor and AMD Radeon 530 (2GB GDDR5 memory);<br>15ARR: AMD Radeon Vega 3, Vega 8, RX Vega 10 Graphics in processor only, AMD Radeon Vega 8 or RX Vega 10 Graphics in processor and AMD Radeon 540 (2GB GDDR5 memory);<br>supports external digital monitor via HDMI;<br>supports dual independent display;<br>Max resolution: 1920x1080@60Hz (HDMI) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |              |                |                     |                                |              |                            |                      |                                                                                                                                                                                                                                                              |                                                                                                                                                                              |                                                                                                          |                                                 | Environment                                                                                                                 |
| 15AST: AMD Radeon R2, R3, R4, or R5 Graphics in processor only, AMD Radeon R2, R3, R4, or R5 Graphics in processor and AMD Radeon 530 (2GB GDDR5 memory);<br>15ARR: AMD Radeon Vega 3, Vega 8, RX Vega 10 Graphics in processor only, AMD Radeon Vega 8 or RX Vega 10 Graphics in processor and AMD Radeon 540 (2GB GDDR5 memory);<br>supports external digital monitor via HDMI;<br>supports dual independent display;<br>Max resolution: 1920x1080@60Hz (HDMI) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |              |                |                     |                                |              |                            | Environment          | EPEAT™ Silver; ENERGY STAR® 6.1; RoHS-compliant                                                                                                                                                                                                              |                                                                                                                                                                              |                                                                                                          |                                                 |                                                                                                                             |
| 15AST: AMD Radeon R2, R3, R4, or R5 Graphics in processor only, AMD Radeon R2, R3, R4, or R5 Graphics in processor and AMD Radeon 530 (2GB GDDR5 memory);<br>15ARR: AMD Radeon Vega 3, Vega 8, RX Vega 10 Graphics in processor only, AMD Radeon Vega 8 or RX Vega 10 Graphics in processor and AMD Radeon 540 (2GB GDDR5 memory);<br>supports external digital monitor via HDMI;<br>supports dual independent display;<br>Max resolution: 1920x1080@60Hz (HDMI) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |              |                |                     |                                |              |                            |                      |                                                                                                                                                                                                                                                              | Environment                                                                                                                                                                  | EPEAT™ Silver; ENERGY STAR® 6.1; RoHS-compliant                                                          |                                                 |                                                                                                                             |
| 15AST: AMD Radeon R2, R3, R4, or R5 Graphics in processor only, AMD Radeon R2, R3, R4, or R5 Graphics in processor and AMD Radeon 530 (2GB GDDR5 memory);<br>15ARR: AMD Radeon Vega 3, Vega 8, RX Vega 10 Graphics in processor only, AMD Radeon Vega 8 or RX Vega 10 Graphics in processor and AMD Radeon 540 (2GB GDDR5 memory);<br>supports external digital monitor via HDMI;<br>supports dual independent display;<br>Max resolution: 1920x1080@60Hz (HDMI) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |              |                |                     |                                |              | Environment                |                      |                                                                                                                                                                                                                                                              |                                                                                                                                                                              |                                                                                                          | EPEAT™ Silver; ENERGY STAR® 6.1; RoHS-compliant |                                                                                                                             |
| 15AST: AMD Radeon R2, R3, R4, or R5 Graphics in processor only, AMD Radeon R2, R3, R4, or R5 Graphics in processor and AMD Radeon 530 (2GB GDDR5 memory);<br>15ARR: AMD Radeon Vega 3, Vega 8, RX Vega 10 Graphics in processor only, AMD Radeon Vega 8 or RX Vega 10 Graphics in processor and AMD Radeon 540 (2GB GDDR5 memory);<br>supports external digital monitor via HDMI;<br>supports dual independent display;<br>Max resolution: 1920x1080@60Hz (HDMI) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |              |                |                     |                                |              |                            |                      |                                                                                                                                                                                                                                                              |                                                                                                                                                                              |                                                                                                          |                                                 | Environment                                                                                                                 |
| 15AST: AMD Radeon R2, R3, R4, or R5 Graphics in processor only, AMD Radeon R2, R3, R4, or R5 Graphics in processor and AMD Radeon 530 (2GB GDDR5 memory);<br>15ARR: AMD Radeon Vega 3, Vega 8, RX Vega 10 Graphics in processor only, AMD Radeon Vega 8 or RX Vega 10 Graphics in processor and AMD Radeon 540 (2GB GDDR5 memory);<br>supports external digital monitor via HDMI;<br>supports dual independent display;<br>Max resolution: 1920x1080@60Hz (HDMI) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |              |                |                     |                                |              |                            | Environment          | EPEAT™ Silver; ENERGY STAR® 6.1; RoHS-compliant                                                                                                                                                                                                              |                                                                                                                                                                              |                                                                                                          |                                                 |                                                                                                                             |
| 15AST: AMD Radeon R2, R3, R4, or R5 Graphics in processor only, AMD Radeon R2, R3, R4, or R5 Graphics in processor and AMD Radeon 530 (2GB GDDR5 memory);<br>15ARR: AMD Radeon Vega 3, Vega 8, RX Vega 10 Graphics in processor only, AMD Radeon Vega 8 or RX Vega 10 Graphics in processor and AMD Radeon 540 (2GB GDDR5 memory);<br>supports external digital monitor via HDMI;<br>supports dual independent display;<br>Max resolution: 1920x1080@60Hz (HDMI) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |              |                |                     |                                |              |                            |                      |                                                                                                                                                                                                                                                              | Environment                                                                                                                                                                  | EPEAT™ Silver; ENERGY STAR® 6.1; RoHS-compliant                                                          |                                                 |                                                                                                                             |
| 15AST: AMD Radeon R2, R3, R4, or R5 Graphics in processor only, AMD Radeon R2, R3, R4, or R5 Graphics in processor and AMD Radeon 530 (2GB GDDR5 memory);<br>15ARR: AMD Radeon Vega 3, Vega 8, RX Vega 10 Graphics in processor only, AMD Radeon Vega 8 or RX Vega 10 Graphics in processor and AMD Radeon 540 (2GB GDDR5 memory);<br>supports external digital monitor via HDMI;<br>supports dual independent display;<br>Max resolution: 1920x1080@60Hz (HDMI) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |              |                |                     |                                |              | Environment                |                      |                                                                                                                                                                                                                                                              |                                                                                                                                                                              |                                                                                                          | EPEAT™ Silver; ENERGY STAR® 6.1; RoHS-compliant |                                                                                                                             |
| 15AST: AMD Radeon R2, R3, R4, or R5 Graphics in processor only, AMD Radeon R2, R3, R4, or R5 Graphics in processor and AMD Radeon 530 (2GB GDDR5 memory);<br>15ARR: AMD Radeon Vega 3, Vega 8, RX Vega 10 Graphics in processor only, AMD Radeon Vega 8 or RX Vega 10 Graphics in processor and AMD Radeon 540 (2GB GDDR5 memory);<br>supports external digital monitor via HDMI;<br>supports dual independent display;<br>Max resolution: 1920x1080@60Hz (HDMI) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |              |                |                     |                                |              |                            |                      |                                                                                                                                                                                                                                                              |                                                                                                                                                                              |                                                                                                          |                                                 | Environment                                                                                                                 |
| 15AST: AMD Radeon R2, R3, R4, or R5 Graphics in processor only, AMD Radeon R2, R3, R4, or R5 Graphics in processor and AMD Radeon 530 (2GB GDDR5 memory);<br>15ARR: AMD Radeon Vega 3, Vega 8, RX Vega 10 Graphics in processor only, AMD Radeon Vega 8 or RX Vega 10 Graphics in processor and AMD Radeon 540 (2GB GDDR5 memory);<br>supports external digital monitor via HDMI;<br>supports dual independent display;<br>Max resolution: 1920x1080@60Hz (HDMI) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |              |                |                     |                                |              |                            | Environment          | EPEAT™ Silver; ENERGY STAR® 6.1; RoHS-compliant                                                                                                                                                                                                              |                                                                                                                                                                              |                                                                                                          |                                                 |                                                                                                                             |
| 15AST: AMD Radeon R2, R3, R4, or R5 Graphics in processor only, AMD Radeon R2, R3, R4, or R5 Graphics in processor and AMD Radeon 530 (2GB GDDR5 memory);<br>15ARR: AMD Radeon Vega 3, Vega 8, RX Vega 10 Graphics in processor only, AMD Radeon Vega 8 or RX Vega 10 Graphics in processor and AMD Radeon 540 (2GB GDDR5 memory);<br>supports external digital monitor via HDMI;<br>supports dual independent display;<br>Max resolution: 1920x1080@60Hz (HDMI) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |              |                |                     |                                |              |                            |                      |                                                                                                                                                                                                                                                              | Environment                                                                                                                                                                  | EPEAT™ Silver; ENERGY STAR® 6.1; RoHS-compliant                                                          |                                                 |                                                                                                                             |
| 15AST: AMD Radeon R2, R3, R                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |              |                |                     |                                |              |                            |                      |                                                                                                                                                                                                                                                              |                                                                                                                                                                              |                                                                                                          |                                                 |                                                                                                                             |

# ideapad 330 (15") AMD

