

# ideapad S145-15AST 81N300JAGE

**Product**

ideapad S145-15AST

**Region**

WE

**Country/Region**

Germany

**Machine Type**

81N3

**Processor**

AMD A6-9225 (2C / 2T, 2.6 / 3.0GHz, 1MB L2)

**Graphics**

Integrated AMD Radeon R4 Graphics

**Chipset**

AMD SoC Platform

**Memory**

4GB SO-DIMM DDR4-2133

**Storage**

256GB SSD 2.5" SATA6Gb/s

**Display**

15.6" FHD (1920x1080) TN 220nits Anti-glare

**Touchscreen**

None

**Optical**

None

**Media Reader**

4-in-1 Card Reader

**Ethernet**

None

**WLAN + Bluetooth**

11ac, 1x1 + BT4.2

**Case Material**

PC / ABS

**Camera**

0.3MP

**Microphone**

Mono

**Color**

Platinum Grey, IMR

**Keyboard**

Non-backlit, German

**Fingerprint Reader**

None

**TPM**

FW TPM 2.0

**Battery**

Integrated 30Wh

**Power Adapter**

45W Round Tip

**Operating System**

Windows 10 Home 64, German

**Bundled Software**

Office Trial

**Base Warranty**

2-year, Depot

**Bundled Service**

None

**EAN / UPC / JAN**

194778553131

**End of Support**

2025-04-07

**Announce Date**

2020-02-06

---

**Recommended Services****Best**

3Y Onsite upgrade from 2Y Depot/CCI delivery  
(5WS0K75655)

**Better**

3Y Depot/CCI upgrade from 2Y Depot/CCI delivery  
(5WS0K75649)

 [WWW.LENOVO.COM](http://WWW.LENOVO.COM)

Lenovo may not offer the products, services or features discussed in this document in other countries. Lenovo may withdraw an offering at any time. Information is subject to change without notice. Consult your local representative for information on offerings available in your area.

Lenovo reserves the right to change specifications or other product information without notice. Lenovo is not responsible for photographic or typographical errors.

Lenovo provides this publication "as is" without warranty of any kind, either express or implied, including the implied warranties of merchantability or fitness for a particular purpose.



<https://psref.lenovo.com>

Visit psref website for the latest version of Product Specifications Reference.

© Lenovo, 2020. All rights reserved.



AMD

Lenovo™

# ideapad S145-15AST Platform Specifications

Product Specifications Reference (PSREF)

Processor	AMD A4 / A6 / A9 series APU							Dimensions	<i>WxDxH:</i> 14.26" x 9.9" x 0.78"; 362.2mm x 251.5mm x 19.9mm
	Processor Number	Cores	Base Frequency	Max Turbo Frequency	Cache	Memory Type	Processor Graphics	Weight	4.1 lb / 1.85 kg
	A4-9125		2.3 GHz	2.6 GHz				Case color	Granite black IMR, granite black texture or platinum grey IMR
	A6-9225		2.6 GHz	3.0 GHz				Case material	PC/ABS plastic
A9-9425	3.1 GHz	3.7 GHz	Camera	0.3MP, fixed focus, integrated monaural microphone					
Graphics	AMD Radeon R3 / R4 / R5 Graphics in processor only or AMD Radeon R3 / R4 / R5 Graphics in processor and AMD Radeon 530 (2GB GDDR5 memory); supports external digital monitor via HDMI; supports dual independent display; Max resolution: 4096x2160@60Hz (HDMI)							Audio support	HD Audio, Dolby Audio™, stereo speakers, 1.5W x 2, monaural microphone, headphone / microphone combo jack
								Keyboard	6-row, multimedia Fn keys, numeric keypad, Buttonless Mylar surface multi-touch touchpad
Chipset	AMD SoC (System on Chip) platform							Security	Power-on password, hard disk password, supervisor password
Memory	8GB max / 2133MHz DDR4, one DDR4 SO-DIMM socket							Security chip	Firmware TPM 2.0 integrated in chipset
Display	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none"> <li>15.6" (396mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio</li> <li>15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio</li> </ul>							Fingerprint reader	None
Multi-touch	None							Battery	Integrated Li-Polymer 30Wh or 35Wh battery
Storage	<i>Up to 2 drives (one HDD and one M.2 SSD):</i> <ul style="list-style-type: none"> <li>HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, 5400rpm</li> <li>SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high</li> <li>M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s</li> <li>M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s</li> </ul>							Max battery life	<i>MobileMark® 2014:</i> 4 hr (30Wh) or 4.5 hr (35Wh) <i>* Battery life varies significantly with settings, usage, &amp; other factors</i>
Optical	None							AC adapter	45W or 65W round tip AC adapter
Ethernet	None							Preload (opt)	<i>Preloaded operating system</i> <ul style="list-style-type: none"> <li>Windows® 10 Home 64</li> <li>Windows 10 Home in S mode</li> <li>Windows 10 Pro 64</li> </ul> <i>Preloaded applications (only some listed)</i> <ul style="list-style-type: none"> <li>Microsoft Office Home and Student 2019</li> <li>Microsoft Office Home and Business 2019</li> <li>Microsoft Office Trial (with 30-day license)</li> <li>Microsoft Office 365 Home</li> <li>Microsoft Office 365 Personal</li> <li>Microsoft Office Professional 2019</li> <li>Microsoft Office Personal 2019</li> </ul>
WLAN	802.11ac 1x1 Wi-Fi + Bluetooth 4.2, M.2 Card							Limited warranty	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none"> <li>1-year mail-in repair service</li> <li>1-year depot repair service</li> <li>2-year/1-yr battery depot repair service</li> </ul>
Bluetooth™	Bluetooth 4.2 wireless, integrated in Wi-Fi + Bluetooth combo adapter							Environment	ENERGY STAR® 7.0; ErP lot3; RoHS-compliant
Media reader	4-in-1 media reader (MMC, SD, SDHC, SDXC)								
Ports	One USB 2.0, two USB 3.1 Gen 1, 4-in-1 media reader (MMC, SD, SDHC, SDXC), HDMI 1.4b, AC power adapter jack, headphone / microphone combo jack * Depending on many factors, actual data transfer speed may be lower than theoretical speed								

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

Lenovo  
May 2020

Lenovo™

# ideapad S145-15AST



AMD



AMD



AMD



AMD



AMD



AMD