Lenovo V145-15AST Platform Specifications

Product Specifications Reference (PSREF)

Processor

AMD A-Series or E-Series APUs

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	L2 Cache	Memory Types	Processor Graphics
E2-9000	2	2	1.8 GHz	2.2 GHz	1MB	DDR4-1866	Radeon® R2
A4-9125			2.3 GHz	2.6 GHz			Radeon R3
A6-9225			2.6 GHz	3.0 GHz			Radeon R4
A9-9425			3.1 GHz	3.7 GHz			Radeon R5

Graphics

AMD Radeon R2, R3, R4, or R5 Graphics in processor only or,
AMD Radeon R2, R3, R4, or R5 Graphics in processor and
AMD Radeon 530, 2GB GDDR5 VRAM;
supports two independent displays;
Max resolution: 3840x2160@30Hz (HDMI)

Chipset

AMD SoC (System on Chip) platform

Memory

8GB max / 1866MHz DDR4, one DDR4 SO-DIMM socket

Display

Some: 15.6" (396mm) HD (1366x768), anti-glare, LED backlight, 200 nits, 16:9 aspect ratio
Some: 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, 200 nits, 16:9 aspect ratio

Multi-touch

None

Storage

Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high
Some: SSD / SATA 6.0Gb/s, 2.5" wide

Optical *(optional)*

DVD burner, 9.0mm high, fixed, tray-in

Ethernet

100/1000M Ethernet connection

WLAN

11ac, 1x1, Wi-Fi + Bluetooth combo adapter

Bluetooth™

Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter

Media reader

4-in-1 reader (MMC, SD, SDHC, SDXC)

Ports

Two USB 3.0, Ethernet (RJ-45), HDMI, AC power adapter jack, security keyhole
4-in-1 reader (MMC, SD, SDHC, SDXC), headphone / microphone combo jack
** Depending on many factors, actual data transfer speed may be lower than theoretical speed.*

Dimensions

WxDxH: 14.79" x 9.98" x 0.89"; 375.6mm x 253.4mm x 22.7mm

Weight

2.1 kg / 4.63 lb

Case color

Black

Case material

PC/ABS plastic

Camera

0.3MP or 720p HD resolution, fixed focus, with single microphone

Audio support

HD Audio, stereo speakers with Dolby® Audio Certification, 1.5W x 2 / single microphone, headphone / microphone combo jack

Keyboard

6-row, multimedia Fn keys, numeric keypad

Touchpad

One-piece multi-touch touchpad

Security

Supervisor password, power-on password, hard-disk password, security keyhole

Security chip

SW TPM2.0

Fingerprint reader

None

Battery

Integrated Li-Polymer 2-cell *(30Wh)* battery

Max battery life

MobileMark® 2014: up to 5 hours
** Battery life varies significantly with settings, usage, & other factors.*

AC adapter

45W or 65W round tip AC adapter

Preload

Some: Windows® 10 Home 64
Some: Windows 10 Pro 64
Preloaded applications (only some listed)
- Lenovo® App Explorer
- Lenovo Vantage (Lenovo Companion)
- McAfee® LiveSafe™ (30-day trial)

Limited warranty

One of the following, configurable by model:
- 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 2019