# Lenovo V145 (15") AMD 81MT000Q++

**Product**
Lenovo V145-15AST

**Region**
EMEA

**Machine Type**
81MT

**Processor**
AMD A4-9125 (2C, 2.3 / 2.6GHz, 1MB)

**Graphics**
Integrated AMD Radeon R3 Graphics

**Memory**
4GB DIMM DDR4-1866

**Display**
15.6" HD (1366x768) Anti-glare

**Multi-touch**
None

**Storage**
500GB 5400rpm

**Optical**
9.0mm DVD±RW

**Ethernet**
100/1000M

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

**Color**
Black

**Camera**
0.3MP

**Microphone**
Monaural

**Keyboard**
Non-backlit

**Fingerprint Reader**
None

**Battery**
30Wh

**Power Adapter**
45W

**Operating System**
None

**Warranty**
1-year, Depot

**Ann Date (mm/yy)**
11/18

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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# Lenovo V145 (15") AMD Platform Specifications

*Product Specifications Reference (PSREF)*

**Processor**

AMD A-Series or E-Series APUs

| Processor Number | # of Cores | Base Frequency | Max Turbo Frequency | L2 Cache | Memory Types | Processor Graphics |
|---|---|---|---|---|---|---|
| E2-9000 | 2 | 1.8 GHz | 2.2 GHz | 1MB | DDR4-1866 | Radeon R2 |
| A4-9125 | | 2.3 GHz | 2.6 GHz | | DDR4-2133 | 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 / 2133MHz DDR4, one DDR4 SO-DIMM socket
* System clocks down for processors with lower memory controller

**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, headphone / microphone combo jack, security keyhole

**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

**AC adapter**

45W or 65W 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

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Lenovo
November 2018

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