



Lenovo IdeaPad S145-15IIL Intel® Core™ i5 i5-1035G1 Laptop 39,6 cm (15.6") Full HD 8 GB DDR4-SDRAM 256 GB SSD Wi-Fi 5 (802.11ac) Windows 10 Home in S mode Grey, Platinum



Brand : Lenovo

Product family: IdeaPad

Product code: 81W800BVUK

Product name : ideapad S145-15IIL

- Intel Core i5-1035G1 (4C/8T, 1.0/3.6GHz, 6MB)
- 4GB DDR4-2666 + 4GB SO-DIMM DDR4-2666
- 256GB SSD M.2 2242 PCIe 3.0x2 NVMe
- Intel UHD Graphics
- Windows 10 Home in S mode

Intel Core i5-1035G1 (4C/8T, 1.0/3.6GHz, 6MB), 4GB DDR4-2666 + 4GB SO-DIMM DDR4-2666, 256GB SSD M.2 2242 PCIe 3.0x2 NVMe, 15.6" FHD (1920x1080) TN 220nits Anti-glare, Intel UHD Graphics, 11ac 1x1 + BT5.0, 0.3MP, Windows 10 Home in S mode

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Built to last

Engineered for long-lasting performance, the IdeaPad S145 delivers, powerful, smooth processing in a stylish, light design. Perfect for everyday computing, this durable 15.6" laptop boasts exceptional audio and has fast, secure storage options.

Design		Camera	
Colour name	Platinum Grey	Front camera	✓
Product type *	Laptop	Front camera resolution (numeric)	0,3 MP
Product colour *	Grey, Platinum	Network	
Form factor *	Clamshell	Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)
Housing material	Acrylonitrile butadiene styrene (ABS)	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)
Display		Mobile network connection *	✗
Display diagonal *	39,6 cm (15.6")	Antenna type	1x1
Display resolution *	1920 x 1080 pixels	Ethernet LAN	✗
Touchscreen *	✗	Bluetooth	✓
HD type	Full HD	Bluetooth version	5.0
LED backlight	✓	Ports & interfaces	
Native aspect ratio	16:9	USB 2.0 ports quantity *	1
Display brightness	220 cd/m²	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor		HDMI ports quantity *	1
Processor manufacturer *	Intel	HDMI version	1.4b
Processor family *	Intel® Core™ i5	Combo headphone/mic port	✓
Processor generation	10th gen Intel® Core™ i5	Keyboard	
Processor model *	i5-1035G1	Pointing device	Touchpad
Processor cores	4	Numeric keypad *	✓
Processor threads	8	Software	
Processor boost frequency	3,6 GHz	Operating system installed *	Windows 10 Home in S mode
Processor frequency *	1 GHz	Processor special features	
System bus rate	4 GT/s	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor cache	6 MB	Intel® Turbo Boost Technology	2.0
Processor cache type	Smart Cache	Intel® Quick Sync Video Technology	✓
Processor socket	BGA 1526	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor lithography	10 nm		
Processor operating modes	64-bit		
Thermal Design Power (TDP)	15 W		
Configurable TDP-up frequency	1,2 GHz		
Configurable TDP-up	25 W		

Processor		Processor special features	
Configurable TDP-down	13 W	Intel Trusted Execution Technology	✗
Configurable TDP-down frequency	0,7 GHz	Intel VT-x with Extended Page Tables (EPT)	✓
Tjunction	100 °C	Intel® Secure Key	✓
PCI Express slots version	3.0	Intel TSX-NI	✗
Memory		Intel Stable Image Platform Program (SIPP)	✗
Internal memory *	8 GB	Intel® OS Guard	✓
Internal memory type	DDR4-SDRAM	Intel Software Guard Extensions (Intel SGX)	✓
Memory clock speed	2666 MHz	Intel 64	✓
Memory form factor	On-board + SO-DIMM	Execute Disable Bit	✓
Memory slots	1x SO-DIMM	Idle States	✓
Maximum internal memory *	12 GB	Thermal Monitoring Technologies	✓
Storage		Processor package size	50 x 25 mm
Total storage capacity *	256 GB	Supported instruction sets	SSE4.1, SSE4.2, AVX 2.0, AVX-512
Storage media *	SSD	CPU configuration (max)	1
Total SSDs capacity	256 GB	Embedded options available	✗
Number of SSDs installed	1	Intel Virtualization Technology for Directed I/O (VT-d)	✓
SSD capacity	256 GB	Intel Virtualization Technology (VT-x)	✓
Optical drive type *	✗	Processor ARK ID	196603
Card reader integrated	✓	Battery	
Compatible memory cards	MMC, SD, SDHC, SDXC	Battery technology	Lithium-Ion (Li-Ion)
Graphics		Battery capacity *	30 Wh
Discrete graphics card model *	Not available	Battery life (max)	5,5 h
On-board graphics card *	✓	Power	
Discrete graphics card *	✗	AC adapter power	65 W
On-board graphics card family	Intel® UHD Graphics	DC-in jack	✓
On-board graphics card model *	Intel® UHD Graphics	Security	
On-board graphics card base frequency	300 MHz	Fingerprint reader	✗
On-board graphics card dynamic frequency (max)	1050 MHz	Trusted Platform Module (TPM)	✓
On-board graphics card DirectX version	12.0	Password protection	✓
On-board graphics card OpenGL version	4.5	Password protection type	HDD, Power on, Supervisor
On-board graphics card ID	0x8A56	Certificates	
Audio		Compliance certificates	RoHS
Audio system	Dolby Audio	Weight & dimensions	
Number of built-in speakers	2	Width	362,2 mm
Speaker power	1,5 W	Depth	251,5 mm
Built-in microphone	✓	Height	19,9 mm
Number of microphones	1	Weight *	1,85 kg



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