



## Lenovo IdeaPad S145-14IWL Intel® Core™ i5 i5-8265U Laptop 35.6 cm (14") HD 4 GB DDR4-SDRAM 1 TB HDD Wi-Fi 5 (802.11ac) Grey

**Brand :** Lenovo

**Product family:** IdeaPad

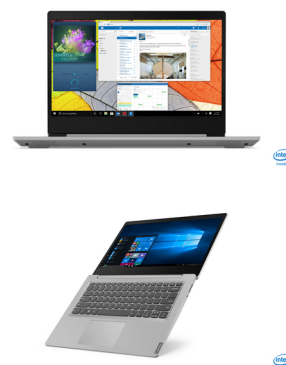
**Product code:** 81MU0086AK

**Product name :** ideapad S145-14IWL

- No OS
- Intel Core i5-8265U (6MB Cache, 1.6GHz)
- 35.6 cm (14") HD 1366 x 768 N
- 4GB DDR4-SDRAM & 1000GB HDD

Intel Core i5-8265U (6MB Cache, 1.6GHz), 4GB DDR4-SDRAM, 1000GB HDD, 35.6 cm (14") HD 1366 x 768 N, Intel UHD Graphics 620, WLAN, Bluetooth, Webcam, No OS

Lenovo IdeaPad S145-14IWL. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-8265U, Processor frequency: 1.6 GHz. Display diagonal: 35.6 cm (14"), HD type: HD, Display resolution: 1366 x 768 pixels. Internal memory: 4 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 1 TB, Storage media: HDD. On-board graphics card model: Intel® UHD Graphics. Product colour: Grey. Weight: 1.6 kg



Design		Ports & interfaces	
Product type *	Laptop	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Product colour *	Grey	HDMI ports quantity *	1
Form factor *	Clamshell	HDMI version	1.4b
Housing material	Acrylonitrile butadiene styrene (ABS), Polycarbonate (PC)	Combo headphone/mic port	✓
Display		Performance	
Display diagonal *	35.6 cm (14")	Motherboard chipset	Intel SoC
Display resolution *	1366 x 768 pixels	Keyboard	
Touchscreen *	✗	Pointing device	Touchpad
HD type	HD	Numeric keypad *	✗
LED backlight	✓	Keyboard backlit	✗
Native aspect ratio	16:9	Windows keys	✓
Display brightness	220 cd/m²	Software	
Dual-screen	✗	Operating system installed *	✗
Processor		Processor special features	
Processor manufacturer *	Intel	Intel® My WiFi Technology (Intel® MWT)	✓
Processor family *	Intel® Core™ i5	Intel® Smart Response Technology	✓
Processor generation	8th gen Intel® Core™ i5	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor model *	i5-8265U	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor cores	4	Intel® Turbo Boost Technology	2.0
Processor threads	8	Enhanced Intel SpeedStep Technology	✓
Processor boost frequency	3.9 GHz	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor frequency *	1.6 GHz	Intel Clear Video Technology	✓
System bus rate	4 GT/s	Intel® Quick Sync Video Technology	✓
Processor cache	6 MB	Intel Flex Memory Access	✓
Processor cache type	Smart Cache	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor socket	BGA 1528	Intel Trusted Execution Technology	✗
Processor lithography	14 nm	Intel Enhanced Halt State	✓
Processor operating modes	64-bit	Intel VT-x with Extended Page Tables (EPT)	✓
Processor codename	Whiskey Lake		
Bus type	OPI		
Thermal Design Power (TDP)	15 W		
Configurable TDP-up frequency	1.8 GHz		
Configurable TDP-up	25 W		
Configurable TDP-down	10 W		
Configurable TDP-down frequency	0.8 GHz		
Tjunction	100 °C		

Processor		Processor special features	
Maximum number of PCI Express lanes	16	Intel® Secure Key	✓
PCI Express slots version	3.0	Intel TSX-NI	✗
PCI Express configurations	1x4, 2x2	Intel Stable Image Platform Program (SIPP)	✗
Memory		Intel® OS Guard	✓
Internal memory *	4 GB	Intel Software Guard Extensions (Intel SGX)	✓
Internal memory type	DDR4-SDRAM	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Memory form factor	On-board + SO-DIMM	Intel 64	✓
Memory slots	1x SO-DIMM	Execute Disable Bit	✓
Maximum internal memory *	8 GB	Idle States	✓
Storage		Thermal Monitoring Technologies	✓
Total storage capacity *	1 TB	Processor package size	46x24 mm
Storage media *	HDD	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Total HDDs capacity	1 TB	CPU configuration (max)	1
Number of HDDs installed	1	Embedded options available	✗
HDD capacity	1 TB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
HDD interface	SATA III	Intel Identity Protection Technology version	1.00
HDD speed	5400 RPM	Intel Smart Response Technology version	1.00
HDD size	2.5"	Intel Stable Image Platform Program (SIPP) version	0.00
Optical drive type *	✗	Intel Secure Key Technology version	1.00
Card reader integrated	✓	Intel TSX-NI version	0.00
Compatible memory cards	MMC, SD, SDHC, SDXC	Intel Virtualization Technology (VT-x)	✓
Graphics		Processor ARK ID	149088
Discrete graphics card model *	Not available	Battery	
On-board graphics card *	✓	Battery technology	Lithium-Ion (Li-Ion)
On-board GPU manufacturer	Intel	Battery capacity *	30 Wh
Discrete graphics card *	✗	Battery life (max)	5.5 h
On-board graphics card model *	Intel® UHD Graphics	Power	
On-board graphics card base frequency	300 MHz	AC adapter power	45 W
On-board graphics card dynamic frequency (max)	1100 MHz	DC-in jack	✓
Maximum on-board graphics card memory	32 GB	Security	
On-board graphics card DirectX version	12.0	Fingerprint reader	✗
On-board graphics card OpenGL version	4.5	Trusted Platform Module (TPM)	✓
On-board graphics card ID	0x3EA0	Password protection	✓
Audio		Password protection type	HDD, Power on, Supervisor
Audio system	Dolby Audio	Certificates	
Number of built-in speakers	2	Compliance certificates	RoHS
Speaker power	1.5 W	Sustainability	
Built-in microphone	✓	Sustainability certificates	ENERGY STAR
Number of microphones	1	Weight & dimensions	
Camera		Width	327.1 mm
Front camera	✓	Depth	241 mm
Front camera resolution (numeric)	0.3 MP	Height	19.9 mm
Network		Weight *	1.6 kg
Wi-Fi	✓	Packaging content	
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)	AC adapter included *	✓
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)	Manual	✓
Mobile network connection *	✗	Warranty card	✓
Antenna type	1x1	Power cord included	✓
Ethernet LAN	✗		
Bluetooth	✓		
Bluetooth version	4.2		

Network		Other features	
WWAN	Not installed	3D	×
Ports & interfaces			
USB 2.0 ports quantity *	1		



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