

# ideapad S145 (15") Intel 81MV004SRM

**Product**  
ideapad S145-15IWL

**Region**  
EET

**Country**  
Romania

**Machine Type**  
81MU

**Processor**  
Celeron 4205U (2C, 1.8GHz, 2MB)

**Graphics**  
Integrated Intel UHD Graphics 610

**Memory**  
4GB DIMM DDR4-2133

**Display**  
15.6" HD (1366x768)

**Multi-touch**  
None

**Storage**  
1TB 5400rpm

**Optical**  
None

**Ethernet**  
None

**WLAN + Bluetooth**  
11ac, 1x1 + BT4.2

**Color**  
Black, IMR

**Camera**  
0.3MP

**Microphone**  
Monaural

**Keyboard**  
Non-backlit

**Fingerprint Reader**  
None

**Battery**  
30Wh

**Power Adapter**  
45W

**Operating System**  
None

**Software**  
No-office

**Warranty**  
2-year, Depot

**EAN / UPC**  
193386270966

**Ann Date (mm/yy)**  
02/19

## Notes:

Battery life is an estimated maximum. Actual battery life may vary based on many factors, including screen brightness, active applications, features, power management settings, battery age and conditioning, and other customer preferences.  
<https://www.lenovo.com/hk/en/battery-info>



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# ideapad S145 (15") Intel Platform Specifications

Product Specifications Reference (PSREF)



Processor	<i>IWL:</i> Intel® Celeron® Processor, Intel Pentium® Processor or 8th Generation Intel Core™ i3 / i5 / i7 Processor							Media reader Ports	4-in-1 media reader (MMC, SD, SDHC, SDXC) 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 <i>* Depending on many factors, actual data transfer speed may be lower than theoretical speed</i>	
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	Dimensions Weight Case color Case material	<i>WxDxH:</i> 14.26" x 9.9" x 0.78"; 362.2mm x 251.5mm x 19.9mm 1.85 kg (4.1 lb) Black IMR, black texture or grey IMR PC/ABS plastic
	Celeron 4205U	2	2	1.8 GHz	-	2MB	DDR4-2133	Intel UHD Graphics 610	Camera Audio support	0.3MP, fixed focus, integrated monaural microphone HD Audio, Dolby Audio™, stereo speakers, 1.5W x 2, monaural microphone, headphone / microphone combo jack
	Pentium Gold 5405U	2	4	2.3 GHz	-	4MB	DDR4-2400	Intel UHD Graphics 620	Keyboard Touchpad	6-row, multimedia Fn keys, numeric keypad Buttonless mylar surface multi-touch touchpad
	i3-8145U			2.1 GHz	3.9 GHz				6MB	
	i5-8265U	4	8	1.6 GHz	3.9 GHz	8MB	DDR4-2400	Intel UHD Graphics 600	Security Security chip Fingerprint reader	Power-on password, hard disk password, supervisor password Firmware TPM 2.0 integrated in chipset None
	i7-8565U			1.8 GHz	4.6 GHz				Intel UHD Graphics 605	
	<i>IGM:</i> Intel Celeron Processor or Intel Pentium Processor							Battery Max battery life	Integrated Li-ion 30Wh or 35Wh battery <i>MobileMark® 2014:</i> 5.5 hr (30Wh) or 6 hr (35Wh) <i>* Battery life varies significantly with settings, usage, &amp; other factors</i>	
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	AC adapter	45W or 65W slim tip AC adapter
	Celeron N4000	2	2	1.1 GHz	2.6 GHz	4MB	DDR4-2400	Intel UHD Graphics 600	Preload	<i>Preloaded operating system</i> ● Windows® 10 Home 64 ● Windows 10 Home S ● Windows 10 Pro 64 <i>Preloaded applications (only some listed)</i> ● Microsoft Office Trial (with 30-day license) ● Microsoft Office 365 (with 1-year license)
	Celeron N4100	4	4	1.1 GHz	2.4 GHz					
	Pentium Silver N5000			1.1 GHz	2.7 GHz				Intel UHD Graphics 605	
Graphics	Intel UHD Graphics 600, 605, 610 or 620 in processor only, Intel UHD Graphics 620 in processor and NVIDIA® GeForce® MX 110 (2GB GDDR5 memory); supports external digital monitor via HDMI; supports dual independent display; Max resolution: 4096x2160@24Hz (HDMI)							Limited warranty	<i>One of the following, configurable by model:</i> ● 1-year mail-in repair service ● 1-year depot repair service ● 2-year/1-yr battery depot repair service	
Chipset	Intel SoC (System on Chip) platform							Environment	ENERGY STAR® 7.0; ErP lot3; RoHS-compliant	
Memory	<i>IWL:</i> 12GB max offering / 2133MHz DDR4 (Celeron or Pentium model) or 2400MHz DDR4 (Core i3 / i5 / i7 model), optional 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket <i>IGM:</i> 8GB max offering / 2400MHz DDR4, one DDR4 SO-DIMM socket									
Display	<i>One of the following, configurable by model:</i> ● 15.6" (396mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio ● 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio									
Multi-touch	None									
Storage	<i>Up to 2 drives (one HDD and one SATA SSD or M.2 SSD / Optane memory):</i> ● HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, 5400rpm ● SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high (e.g. xxxGB SSD) ● M.2 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s (e.g. xxxGB SSD M.2 PCIe NVMe) ● M.2 SSD / SATA 6.0Gb/s (e.g. xxxGB SSD M.2)									
Optical	None									
Ethernet	None									
WLAN	802.11ac 1x1 Wi-Fi + Bluetooth 4.2, M.2 Card									
Bluetooth™	Bluetooth 4.2 wireless, integrated in Wi-Fi + Bluetooth combo adapter									

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

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March 2019

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