ideapad S145 (15") Intel 81MV0054RM

Product ideapad S145-15IWL

Region EET

Country Romania

Machine Type 81MU

Processor Pentium Gold 5405U (2C, 2.3GHz, 2MB)

Graphics Integrated Intel UHD Graphics 610

Memory 4GB DIMM DDR4-2133

Display 15.6" HD (1366x768)

Multi-touch None

Storage 128GB SSD

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 193386285120

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)

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Element Z 1.6 Hz - ZMB DDR4/2133 Intel UHD Graphics 601 WaDkf. 14,26' x 9.5' x 0.78'; 362.2mm x 251.5mm x 19.9mm 185 kg (4,1 b) 15.8142 2.3 GHz - ZMB DDR4/2133 Intel UHD Graphics 601 WaDkf. 14,26' x 9.5' x 0.78'; 362.2mm x 251.5mm x 19.9mm 185 kg (4,1 b) 15.8142 3.9 GHz MMB DDR4/2430 Intel UHD Graphics 601 Case material Case material O.3MP, fixed focus, integrated monaural microphone 17.85520 4 8 1.6 GHz A 6 Hz MB DDR4/2400 Intel UHD Graphics 601 Case material O.3MP, fixed focus, integrated monaural microphone HD Audio, Dolby Audio', Dolby Audio', Stereo speakers, 1.5W x 2, monaural microphone Celeron N4000 2 2 1.1 GHz 2.4 GHz MB DDR4/2400 Graphics 600 Graphics 600 Graphics 600 Graphics 600 Focus muth Focus material Focus muth Fo			-	Base Max Turbo Frequency Frequency	Cache	Memory Types	Processor Graphics		HDMI 1.4b, AC power adapter jack, headphone / microphone combo jack * Depending on many factors, actual data transfer speed may be lower than theoretical sp
Pressure Processor DDR4-213 Graphics E01 Case material DDR4/LMR, black texture or grey IMR 15-8262U 4 8 1.6 GHz 3.9 GHz MMB DDR4-2400 Intel UHD Case material Case mater			2			DDR4-2133		Weight Case color	 1.85 kg (4.1 lb) Black IMR, black texture or grey IMR PC/ABS plastic 0.3MP, fixed focus, integrated monaural microphone HD Audio, Dolby Audio[™], stereo speakers, 1.5W x 2, monaural microphone,
Intel UHD 16 GHz 3.9 GHz 4000 DDR4-2400 Graphics 620 If def UHD 1.6 GHz 3.9 GHz 4000 DDR4-2400 Graphics 620 If def UHD 1.6 GHz 3.9 GHz BMB DDR4-2400 Graphics 620 If def UHD 1.6 GHz 3.9 GHz BMB DDR4-2400 Graphics 620 If def UHD 1.6 GHz 3.9 GHz BMB DDR4-2400 Graphics 620 If def UHD Corest If def UHD Graphics 600 Graphics 600 Graphics 600 Graphics Intel UHD 1.1 GHz 2.6 GHz Intel UHD Graphics 600 Frequency		5405U 2	2 4						
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Description Description <thdescription< th=""> <thdescription< th=""></thdescription<></thdescription<>		Processor # c	f # of	Base Max Turbo	Casha			Touchpad	Buttonless mylar surface multi-touch touchpad
Letterin Nation 4 4 1.1 GHz 2.4 GHz 4 MB DDR4-2400 Diraghnes wow Integhnes wow		Celeron N4000 2	2	1.1 GHz 2.6 GHz					
Integrated L-ion 30Wh or 35Wh Dattery Graphics Intel UHD Graphics 600, 605, 610 or 620 in processor only, Intel UHD Graphics 620, in processor and NVIDIA* GEForce® MX 110 (2GB GDDFB memory); supports external digital monitor via HDMI; supports dual independent display; Max resolution: 4096x2160@24Hz (HDMI) Battery Max resolution: 4096x2160@24Hz (HDMI) Not More 5Wh Dattery * Battery lite varies significantly with settings, usage, & other factors Chipset Intel Soc (System on Chip) platform Preloaded operating system • Windows 10 Home 64 Memory IWL: 12GB max offering / 2133MHz DDP4 (Celeron or Pentium model) or 2400MHz DDP4 (Corei 3) f5 /7 model; • Windows 10 Home 64 Memory IML: 12GB max offering / 2133MHz DDP4 (Celeron or Pentium model) or 2400MHz DDP4 (Corei 3) f5 /7 model; • Windows 10 Home 64 Display One of the following, configurable by model: • Windows 10 Home 55 • 15.6* (396mm) HD (1366x768), anti-glare, LED backlight, 220 mis, 16:3 aspect ratio • 1-year debiner repair service • 15.6* (396mm) FHD (1920x1080), anti-glare, LED backlight, 220 mis, 16:3 aspect ratio • 2-year/1-yr battery depot repair service • 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) • Microsoft SSD / SATA 6.0Gb/s, 2.5* wide, 7mm high (e.g. xxxGB SSD M.2) • May the service • Microsont MD • SSD / SATA 6.0Gb/s, 2.5* w				1.1 GHz 2.4 GHz	4MB	DDR4-2400			
Intel UHD Graphics 620 in processor and NVIDIA® GeForce* MX 110 (2GB GDDR5 memory); supports external digital monitor via HDMI; supports external digital monitor via HDMI; mited warranty for external digital monitor monet: 1 - 15 6° (396 mm) FDD (1920x1080), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio 20 nits, 16:9 aspect rat		N5000							<i>МоҌіleMark®2014:</i> 5.5 hr (30Wh) or 6 hr (35Wh)
NVIDIA* GeForce* MX 110 (2GB GDDR5 memory); supports external digital monitor via HDMI; supports dual independent display; Max resolution: 4096x2160@24Hz (HDMI) Nor elocaded operating system Chipset Intel SoC (System on Chip) platform * Windows* 10 Home 64 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 • Microsoft Office 365 (with 1-year license) Display One of the following, configurable by model: • 15.6* (396mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio • 1-year mail-in repair service • 1-year depot repair service Multi-touch None • Display for 2 drives (one HDD and one SATA SSD or M.2 SSD / Optane memory): • HDD / SATA 6.0Gb/s, 2.5* wide, 7mm high, 6400rpm • SSD / SATA 6.0Gb/s, 2.5* wide, 7mm high, 6400rpm • M.2 SSD / SATA 6.0Gb/s (e.g. xxxGB SSD M.2) Environment ENERGY STAR* 7.0; ErP lot3; RoHS-compliant Optical None WLAN 802.11ac 1x1 Wi-Fi + Bluetooth 4.2, M.2 Card VLAN	Graphics	Intel UHD Graphics 600, 605, 610 or 620 in processor only,							
supports external digital monitor via HDMI; Preloaded operating system supports dual independent display; • Windows: 10 Home 64 Max resolution: 4096x2160@24Hz (HDMI) Chipset Intel Soc (System on Chip) platform Memory IWL: 12GB max offering / 2133MHz DDR4 (Celeron or Pentium model) or 2400MHz DDR4 (Core 13 / 15 / 17 model), optional 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket • Microsot Office Tail (with 30-day license) Display One of the following, configurable by model: • 15.6" (396mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio • 15.6" (396mm) HD (1920x1080), 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 • 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio • ENERGY STAR® 7.0; ErP lot3; RoHS-compliant Multi-touch None • M.2 SSD / PCIe NVMe, • M.2 SSD / PCIe NVMe, • M.2 SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high (e.g. xxxGB SSD) • M.2 SSD / SATA 6.0Gb/s (e.g. xxxGB SSD M.2) Enternet None WLAN 802.11ac 1x1 Wi-Fi + Bluetooth 4.2, M.2 Card Preloaded operating system									
Max mesolution: 4096x2160@24Hz (HDMI) Max resolution: 4096x2160@24Hz (HDMI) Chipset Memory Mild: 12GB max offering / 2133MHz DDR4 (Celeron or Pentium model) or 2400MHz DDR4 (Core 13 / 15 / 17 model), optional 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket Display One of the following, configurable by model: 1.5.6" (396mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio Multi-touch None Storage Up to 2 drives (one HDD and one SATA SSD or M.2 SSD / Optane memory): HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, 6400rpm 0. SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high, 5400rpm 0. SSD / SATA 6.0Gb/s (e.g. xxxGB SSD M.2) Optical None WLAN 802.11ac 1x1 Wi-Fi + Bluetooth 4.2, M.2 Card		supports external digital monitor via HDMI;						Preload	
Chipset Memory Intel SoC (System on Chip) platform MWL: 12GB max offering / 2133MHz DDR4 (Celeron or Pentium model) or 2400MHz DDR4 (Core 13 / 15 / i7 model), optional 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket • Windows 10 Pro 64 Preloaded applications (only some listed) Display One of the following, configurable by model: • 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 • 15.6" (396mm) FHD (1920x1080), 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 • 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio • 14.000000000000000000000000000000000000									
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 Microsoft Office Trial (with 30-day license) Multi-touch None Microsoft Office Trial (with 30-day license) Microsoft Office Trial (with 30-day license)	Chinset							-	
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IGM: 8GB max offering / 2400MHz DDR4, one DDR4 SO-DIMM socket Limited warranty One of the following, configurable by model: Display One of the following, configurable by model: 1-year mail-in repair service 20 nits, 16:9 aspect ratio 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio 220 nits, 16:9 aspect ratio Multi-touch None Environment ENERGY STAR® 7.0; ErP lot3; RoHS-compliant 200 nits, 16:9 aspect ratio Storage Up to 2 drives (one HDD and one SATA SSD or M.2 SSD / Optane memory): Environment ENERGY STAR® 7.0; ErP lot3; RoHS-compliant 200 nits, 16:9 aspect ratio Multi-touch None SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high, 5400rpm SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high, 5400rpm SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high, 5400rpm SSD / SATA 6.0Gb/s, (e.g. xxxGB SSD M.2) Environment Optical None M.2 SSD / SATA 6.0Gb/s (e.g. xxxGB SSD M.2) Pote NVMe, PCIe NV									
Display One of the following, configurable by model: 1-year mail-in repair service 1-year mail-in repair service 1-year depot repair service 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 Up to 2 drives (one HDD and one SATA SSD or M.2 SSD / Optane memory): 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 / PCle NVMe, PCle 3.0 x 2, 16Gb/s (e.g. xxxGB SSD M.2 PCle NVMe) M.2 SSD / SATA 6.0Gb/s (e.g. xxxGB SSD M.2) Optical None WLAN 802.11ac 1x1 Wi-Fi + Bluetooth 4.2, M.2 Card								Limited warranty	One of the following, configurable by model:
 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 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 WLAN 802.11ac 1x1 Wi-Fi + Bluetooth 4.2, M.2 Card 	Display	One of the following, configurable by model: • 15.6" (396mm) HD (1366x768), anti-glare, LED backlight,							
Multi-touch • 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio Multi-touch None Storage Up to 2 drives (one HDD and one SATA SSD or M.2 SSD / Optane memory): • 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) Optical None Ethernet WLAN 802.11ac 1x1 Wi-Fi + Bluetooth 4.2, M.2 Card									 I-year depot repair service 2-year/1-yr battery depot repair service
Multi-touch None Storage Up to 2 drives (one HDD and one SATA SSD or M.2 SSD / Optane memory): • 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 • M.2 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s • M.2 SSD / SATA 6.0Gb/s (e.g. xxxGB SSD M.2) • Optical None Ethernet WLAN 802.11ac 1x1 Wi-Fi + Bluetooth 4.2, M.2 Card								Environment	
Storage Up to 2 drives (one HDD and one SATA SSD or M.2 SSD / Optane memory): • 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) • M.2 SSD / SATA 6.0Gb/s (e.g. xxxGB SSD M.2) • M.2 SSD / SATA 6.0Gb/s (e.g. xxxGB SSD M.2) • Mone Ethernet WLAN 802.11ac 1x1 Wi-Fi + Bluetooth 4.2, M.2 Card									···, -·· ·········p······
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(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									
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Note: The specifications above may not be available in all regions.

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