## Lenovo V15 IWL Platform Specifications

Processor	Intel® Celeron® Processor, Intel Pentium® Gold Processor or 8th Generation Intel Core™ i3 / i5 / i7 Processor								Dimensions Weight	WxDxH: 14.26" x 9.9" x 0.78"; 362.2mm x 251.5mm x 19.9mm Starting at 4.08 lb / 1.85 kg
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	Case color Case material	Iron grey, IMR or Texture PC/ABS plastic
	Celeron 4205U	2	2	1.8 GHz		2MB	DDR4-2133	Intel UHD Graphics	Media reader Ports	4-in-1 reader (MMC, SD, SDHC, SDXC) One USB 2.0, two USB 3.1 Gen 1, HDMI 1.4b, 4-in-1 reader (MMC, SD, SDHC, SDXC), combo audio / microphone jack, AC power adapter jack * Depending on many factors, actual data transfer speed may be lower than theoretical speed.
	Pentium Gold 5405U		4	2.3 GHz						
	i3-8145U		4	2.1 GHz	3.9 GHz	4MB	DDR4-2400	Intel UHD Graphics	Camera Audio support	0.3MP, fixed focus, with monaural microphone HD Audio, Dolby Audio™, stereo speakers, 1.5W x 2, monaural microphone, combo audio / microphone jack
	i5-8265U	4	8	1.6 GHz	3.9 GHz	6MB				
	i7-8565U			1.8 GHz	4.6 GHz	8MB			Keyboard	6-row, spill-resistant, multimedia Fn keys, numeric keypad
Graphics	Intel UHD Graphics in processor only, or Intel UHD Graphics in processor and NVIDIA® GeForce® MX110, 2GB GDDR5 memory; supports external digital monitor via HDMI; supports two independent displays; Max resolution: 4096x2304@24Hz (HDMI)								Touchpad	Buttonless Mylar surface multi-touch touchpad
									Security Security chip Fingerprint reade	Power-on password, hard disk password, supervisor password Firmware TPM 2.0 integrated in chipset er None
									Battery Max battery life	Integrated Li-ion 30Wh or 35Wh battery  MobileMark® 2014: 5.5 hr (30Wh) or 6 hr (35Wh)  * Battery life varies significantly with hardware configurations, settings, usage, & other factors.  45W or 65W round tip AC adapter
Chipset Memory	Intel SoC (System on Chip) platform 12GB max / 2133 MHz DDR4 (Celeron or Pentium model) or 2400MHz DDR4 (core model), optional 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket							ovetemboord	AC adapter	
								systemboard,	Preload (opt)  Preloaded operating system  Windows 10 Home 64  Windows 10 Home in S mode  Windows 10 Pro 64  Preloaded applications (only some listed)  Microsoft Office Home and Student 2019  Microsoft Office Home and Business 2019  Microsoft Office 365 Home  Microsoft Office 365 Personal  Microsoft Office Professional 2019  Microsoft Office Personal 2019  Microsoft Office Trial (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) FHD (1920x1080), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio							•		
Multi-touch	None									
Storage	<ul> <li>Up to 2 drives (one HDD and one M.2 SSD):</li> <li>HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high</li> <li>M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s</li> <li>M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s</li> </ul>									
Optical	<ul> <li>Intel Optane™ Memory H10 with SSD, M.2 2280, PCIe NVMe 3.0 x 4 None</li> </ul>							0 x 4	Limited warranty	One of the following, configurable by model:  • 1-year depot repair service
Ethernet	None								-	2-year/1-yr battery depot repair service
WLAN + Bluetooth™	One of the following, configurable by model:  • 802.11ac 1x1 Wi-Fi + Bluetooth 4.2, M.2 Card  • 802.11ac 2x2 Wi-Fi + Bluetooth 5.0, M.2 Card								Environment	ENERGY STAR® 7.1; ErP lot3; RoHS-compliant
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Note: The specifications above may not be available in all regions.

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