Lenovo V14 IWL Platform Specifications

Processor

Intel® Celeron® Processor, Intel Pentium® Gold Processor or
8th Generation Intel Core™ i3 / i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
Celeron 4205U	2	2	1.8 GHz	-	2MB	DDR4-2133	Intel UHD Graphics 610
Pentium Gold 5405U		4	2.3 GHz				
i3-8145U		4	2.1 GHz	3.9 GHz	4MB	DDR4-2400	Intel UHD Graphics 620
i5-8265U	4	8	1.6 GHz	3.9 GHz	6MB		
i7-8565U			1.8 GHz	4.6 GHz	8MB		

Graphics

Intel UHD Graphics 610 or 620 in processor only, or
Intel UHD Graphics 610 or 620 in processor and
NVIDIA® GeForce® MX110, 2GB GDDR5 memory;
supports external digital monitor via HDMI;
supports two independent displays;
Max resolution: 4096x2304@24Hz (HDMI)

Chipset

Intel SoC (System on Chip) platform

Memory

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

Display

One of the following, configurable by model:
- 14.0" (356mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio
- 14.0" (356mm) FHD (1920x1080), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio

Multi-touch

None

Storage

Up to 2 drives (one HDD and one M.2 SSD):
- HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high
- M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s
- M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s
- Intel Optane™ Memory H10 with SSD, M.2 2280, PCIe NVMe 3.0 x 4

Optical

None

Ethernet

None

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

Dimensions

WxDxH: 12.9" x 9.5" x 0.8"; 327.1mm x 241mm x 19.9mm

Weight

Starting at 3.53 lb / 1.6 kg

Case color

Iron Grey, IMR or Texture

Case material

PC/ABS plastic

Media reader

4-in-1 reader (MMC, SD, SDHC, SDXC)

Ports

One USB 2.0, two USB 3.1 Gen 1, HDMI 1.4b,
4-in-1 reader (MMC, SD, SDHC, SDXC),
headphone / microphone combo jack, AC power adapter jack
** Depending on many factors, actual data transfer speed may be lower than theoretical speed.*

Camera

0.3MP, fixed focus, with monaural microphone

Audio support

HD Audio, Dolby Audio™, stereo speakers, 1.5W x 2,
monaural microphone, headphone / microphone combo jack

Keyboard

6-row, spill-resistant, multimedia Fn keys

Touchpad

Buttonless Mylar surface multi-touch touchpad

Security

Power-on password, hard disk password, supervisor password

Security chip

Firmware TPM 2.0 integrated in chipset

Fingerprint reader

None

Battery

Integrated Li-Ion 30Wh or 35Wh battery

Max battery life

MobileMark® 2014: 5.5 hr (30Wh) or 6 hr (35Wh)
** Battery life varies significantly with settings, usage, & other factors.*

AC adapter

45W or 65W round tip AC adapter

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 Business 2019
- Microsoft Office Home and Student 2019
- Microsoft Office Trial (with 30-day license)
- Microsoft Office 365 Home
- Microsoft Office 365 Personal
- Microsoft Office Professional 2019
- Microsoft Office Personal 2019

Limited warranty

One of the following, configurable by model:
- 1-year depot repair service
- 2-year/1-yr battery depot repair service

Environment

ENERGY STAR® 7.1; ErP lot3; RoHS-compliant

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

Lenovo
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