ideaCentre A340-22IWL Intel Platform Specifications

Processor

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

Processor	Cores / Threads	Frequency Base/Max(GHz)	Cache	Memory Support (Up to)	Integrated Graphics
Celeron 4205U	2 / 2	1.8G	2 MB	DDR4-2133	UHD 610
Pentium 5405U	2 / 4	2.3G	2 MB	DDR4-2133	UHD 610
Core i3-8145U	2 / 4	2.1G / 3.9G	4 MB	DDR4-2400	UHD 620
Core i5-8265U	4 / 8	1.6G / 3.9G	6 MB	DDR4-2400	UHD 620

Memory

8GB max / 2400MHz DDR4, one SO-DIMM socket
* System automatically clocks down for the processors with lower memory controller

Storage

Some: SATA 6.0Gb/s, 2.5" wide, 5400 rpm
Some: M.2 (2280) SSD / PCIe NVMe, PCIe 3.0 x 4 (e.g. 256GB SSD M.2 PCIe NVMe)
Some: M.2 (2242) SSD / PCIe NVMe, PCIe 3.0 x 2 (e.g. 128GB SSD M.2 PCIe NVMe)
Some: Intel Optane™ Memory, M.2

SATA controller: Serial ATA, SATA 6.0Gb/s support
Optical *(opt)*: SATA connector, DVD±RW, 9.0mm high, tray-in
Media reader: 3-in-1 reader (SD, SDHC, SDXC)

Graphics

Intel UHD Graphics 610 / 620 in processor, DirectX® 12

Display

21.5" (546.1mm) FHD (1920x1080) color, WVA, LED backlight, anti-glare, borderless, 16:9 aspect ratio, 250 nits

Multi-touch *(opt)*: Multi-touch (10-point), Advanced In-Cell Touch (AIT) technology
Camera: 720p HD, autofocus
Light sensor: None
Controls: Power button, optical drive eject button, camera cover slider

Chipset

Intel SoC (System on Chip) platform

Ports*

Rear: Two USB 2.0, models, one USB 3.1 Gen2(USB 3.1 Gen1 for Celeron & Pentium models), power connector, Ethernet (RJ-45), HDMI-out
Left: One USB 3.1 Gen2(USB 3.1 Gen1 for Celeron & Pentium models), headphone / microphone combo jack (3.5mm), media card reader
Right: None
** Depending on many factors, actual data transfer speed may be lower than theoretical speed*

Audio support

HD Audio, stereo speakers with Dolby® Audio™ certification, 3W x 2, monaural microphone

WLAN

802.11ac wireless, Wi-Fi + Bluetooth 4.0 combo adapter, 1x1, M.2 card

Bluetooth™

Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter

Ethernet

Gigabit Ethernet connection

Remote control

None

Security

Power-on password, administrator password

Security chip

None

Keyboard *(opt)*

Some: Lenovo Calliope Keyboard (USB connector), black or white
Some: Lenovo Calliope Wireless Keyboard, black, white or sliver

Mouse *(opt)*

Some: Lenovo Calliope Mouse (USB connector), black or white
Some: Lenovo Calliope Wireless Mouse, black, white or sliver

Mechanical

- Black or white color

	Dimensions (WxDxH)	Max weight (lb / kg)	Adjustments
With stand	19.31 X 7.28 X 16.49 (inch); 490.5x 185 x 418.88 (mm)	12.78 / 5.8	Tilt: 25° back, -5° forward

Power adapter

Some: 65 watts PSU, 100V-240V
Some: 90 watts PSU, 100V-240V
Some: 120 watts PSU, 100V-240V

Limited warranty

Some: **1-year**, **mail-in service**
Some: **1-year** or **2-year**, **depot service**

Preload

Preloaded operating system
Some: Windows® 10 Home 64
Preinstalled software includes but not limited to the following:
- Tangram
- Lenovo® Application Explorer
- Microsoft Office Trial
- PowerDVD/Power2Go
- McAfee® LiveSafe™ trial

Environment

ENERGY STAR® 7.1; RoHS-compliant; ErP Lot3 & Lot7