IdeaCentre AIO 5 27IMB05 Platform Specifications

Processor

Intel Pentium Gold Processor® or 10th Generation Intel Core™ i3 / i5 / i7 Processors

Processor	Cores / Threads	Frequency Base/Max(GHz)	Smart Cache	Memory Support (Up to)	Integrated Graphics
Core i3-10100T	4 / 8	3.0 / 3.8 GHz	6 MB	DDR4-2666	UHD 630
Core i5-10400T	6 / 12	2.0 / 3.6 GHz	12 MB	DDR4-2666	UHD 630
Core i7-10700T	8 / 16	2.0 / 4.5 GHz	16 MB	DDR4-2933	UHD 630

Memory

32GB max / 3200MHz DDR4, two SO-DIMM sockets, dual-channel capable
* 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)
* 128GB SSD M.2 (2242) PCIe NVMe only supports PCIe 3.0 x 2, 16Gb/s

Optane Memory: *Optional:* 16GB Intel Optane Memory, PCIe NVMe, PCIe 3.0 x 2, 16Gb/s, M.2
SATA controller: Serial ATA, SATA 6.0Gb/s support
Optical *(opt)*: USB, DVD±RW, 9.0mm high
Media reader: 3-in-1 reader (SD, SDHC, SDXC)

Graphics

Intel UHD Graphics 630 in processor, DirectX® 12
and : NVIDIA GeForce GTX 1650, 4GB GDDR5, DirectX 12
Max resolution: 2560x1440@60Hz (HDMI)

Display

27" (685mm) QHD (2560x1440) color, WVA, LED backlight, anti-glare, borderless, 16:9 aspect ratio, 250 nits

Multi-touch *(opt)*: Multi-touch (10-point)

Camera

Some: 720p HD, fixed focus
Some: 1080p + IR camera, fixed focus

Light sensor: None
Controls: Power button, PC/monitor mode switcher

Chipset

Intel B460 platform

Ports*

Rear: Two USB 2.0, one USB 3.1 type-C Gen1, power connector, Ethernet (RJ-45), HDMI- out, HDMI-in
Left: Two USB 3.1 Gen1, 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

JBL® speakers with woofer, 3W x 2+5W, dual microphone

WLAN

Some: 802.11ac wireless, Wi-Fi + Bluetooth 5.0 combo adapter, 2x2, M.2 card
Some: 802.11ax wireless, Wi-Fi + Bluetooth 5.0 combo adapter, 2x2, M.2 card

Bluetooth™: Bluetooth 5.0 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

- Business black or foggy white color
- Optional wireless charging pad for mobile phones use

	Dimensions (WxDxH)	Max weight (lb / kg)	Adjustments
Touch model	24.2 X 7.87 X 18.97 (inch); 614.8 x 200 x 481.81 (mm)	24.18 / 10.97	Tilt: 25° back, -5° forward
Non-Touch model	24.2X 7.87 X 18.74 (inch); 614.8 x 200 x 476.03 (mm)	20.32 / 9.22	Tilt: 25° back, -5° forward

Power adapter

Some: 120 watts PSU, 100V-240V
Some: 150 watts PSU, 100V-240V
Some: 170 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
Some: Windows® 10 Pro 64
Preinstalled software includes but not limited to the following:

- Lenovo® Application Explorer
- Microsoft Office Trial
- PowerDVD/Power2Go
- McAfee® LiveSafe™ trial

Environment

ENERGY STAR® 8.0; RoHS-compliant; ErP Lot3 & Lot7