IdeaCentre AIO 3 24IMB05 Platform Specifications

Product Specifications Reference (PSREF)

May 2020

**Processor**

<table>
<thead>
<tr>
<th>Processor</th>
<th>Cores / Threads</th>
<th>Frequency Base/Max(GHz)</th>
<th>Smart Cache</th>
<th>Memory Support (Up to)</th>
<th>Integrated Graphics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pentium Gold</td>
<td>2 / 2</td>
<td>3.4 GHz</td>
<td>4 MB</td>
<td>DDR4-2666</td>
<td>UHD 610</td>
</tr>
<tr>
<td>G6400T</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Core i3-10100T</td>
<td>4 / 8</td>
<td>3.0 / 3.8 GHz</td>
<td>6 MB</td>
<td>DDR4-2666</td>
<td>UHD 630</td>
</tr>
<tr>
<td>Core i5-10400T</td>
<td>6 / 12</td>
<td>2.0 / 3.6 GHz</td>
<td>12 MB</td>
<td>DDR4-2666</td>
<td>UHD 630</td>
</tr>
<tr>
<td>Core i7-10700T</td>
<td>8 / 16</td>
<td>2.0 / 4.5 GHz</td>
<td>16 MB</td>
<td>DDR4-2666</td>
<td>UHD 630</td>
</tr>
</tbody>
</table>

**Memory**

16GB max / 2666MHz 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)**

SATA connector, DVD±RW, 9.0mm high, tray-in

Media reader

3-in-1 reader (SD, SDHC, SDXC)

**Graphics**

Intel UHD Graphics 610 / 630 in processor, DirectX® 12

and AMD Radeon® 625, 2GB GDDR5, DirectX 12

Max resolution: 1920x1080@60Hz (HDMI)

**Display**

23.8" (604.5mm) FHD (1920x1080) color, WVA, LED backlight, borderless, 16:9 aspect ratio, 250 nits

Multi-touch (opt)

Multi-touch (10-point), Advanced In-Cell Touch (AIT) technology

**Camera**

720p HD

**Light sensor**

None

**Controls**

Power button, optical drive eject button, camera cover slider

**Chipset**

Intel B460 platform

**Ports**

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

Left: One 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, 3W x 2, monaural microphone

**WLAN**

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

**Bluetooth™ Ethernet**

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

Bluetooth 5.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter

Gigabit Ethernet connection

**Remote control**

None

**Security chip**

Power-on password, administrator password

None

**Keyboard (opt)**

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

Some: Lenovo Calliope Wireless Keyboard, black, white or silver

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

Some: Lenovo Calliope Wireless Mouse, black, white or silver

**Mechanical**

● Business black or foggy white color

**Dimensions**

<table>
<thead>
<tr>
<th>Dimensions (WxDxH)</th>
<th>Max weight (lb / kg)</th>
<th>Adjustments</th>
</tr>
</thead>
<tbody>
<tr>
<td>21.3 X 7.28 X 17.56 (inch); 541.04x 185 x 446.16 (mm)</td>
<td>16.31 / 7.4</td>
<td>Tilt: 25° back, -5° forward</td>
</tr>
</tbody>
</table>

**Power adapter**

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

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**

RoHS-compliant; ErP Lot3 & Lot7