## ideacentre AIO 510-22ASR Platform Specifications

**Processor**

<table>
<thead>
<tr>
<th>Processor</th>
<th>Cores</th>
<th>Frequency (Base/Max)</th>
<th>Cache</th>
<th>Memory Types</th>
<th>Integrated Graphics</th>
</tr>
</thead>
<tbody>
<tr>
<td>E2-9010</td>
<td>2</td>
<td>2.0 GHz / 2.2 GHz</td>
<td>1 MB</td>
<td>DDR4-1866</td>
<td>Radeon® R2</td>
</tr>
<tr>
<td>A6-9210</td>
<td>2</td>
<td>2.4 GHz / 2.8 GHz</td>
<td>1 MB</td>
<td>DDR4-2133</td>
<td>Radeon R4</td>
</tr>
<tr>
<td>A9-9410</td>
<td>2</td>
<td>2.9 GHz / 3.5 GHz</td>
<td>1 MB</td>
<td>DDR4-2133</td>
<td>Radeon R5</td>
</tr>
</tbody>
</table>

**Chipset**

AMD Soc (System on Chip) platform

**Memory**

8GB max / 2133MHz DDR4, two SO-DIMM sockets

**Graphics**

AMD Radeon Graphics only, integrated in processor

**Disk**

SATA 6.0Gb/s, 3.5" wide, 7200 rpm

**SATA Controller**

Serial ATA, SATA 6.0Gb/s support

**Optical**

DVD±RW, 9.5mm high, tray-in

**Media reader**

6-in-1 reader (SD, SDHC, SDXC, MMC, MS, MS-Pro)

**Ports**

**Rear:** USB 2.0 x 3, Power DC Jack, Ethernet (RJ-45), optional HDMI-in, HDMI-out

**Side:** USB 3.0 x 2, combo audio / microphone jack

**TV tuner**

None

**Audio support**

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

**Display**

21.5" (546mm) FHD (1920x1080) color, WVA, LED backlight, 16:9 aspect ratio, 250 nits

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

**Light sensor** None

**Controls** Power button, optical drive eject button

**WLAN**

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, supervisor password, security keyhole

**Dimensions**

WxDxH: 19.29" x 2.11" x 16.46"; 490mm x 53.7mm x 418mm

**Weight (net)**

11.4 lb (5.17 kg)

**Case color** Black

**Adjustable monitor stand, from -5° degrees to 25° degrees**

**Power adapter**

Some: 90 watts PSU, 100V-240V

Some: 120 watts PSU, 100V-240V

**Camera**

720p HD, fixed focus

**Keyboard**

USB keyboard, full-size, 6-row, Fn keys, numeric keypad

**Mouse**

USB mouse

**Limited warranty**

1-year, limited Mail-in service / service upgrades available

**Preload**

Windows® 10 Home 64

Preinstalled software includes but not limited to the following:

- Lenovo® Companion 3.0
- Lenovo SHEARit
- Lenovo Rescue System
- Lenovo Solution Center
- McAfee® LiveSafe™ (30-day trial)

**Environment**

RoHS-compliant; ENERGY STAR® 6.1

© Lenovo (ideacentre AIO 510-22ASR) November 2016
### ideacentre AIO 510-22ISH Platform Specifications

**Product Specifications Reference (PSREF)**

#### Processor
- **Intel Pentium® Processor, or 6th Generation Intel Core™ i3 Processor**

<table>
<thead>
<tr>
<th>Processor</th>
<th>Cores / Threads</th>
<th>Frequency (Base/Max)</th>
<th>Cache</th>
<th>Memory Types</th>
<th>Integrated Graphics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pentium G4400T</td>
<td>2 / 2</td>
<td>2.9 GHz</td>
<td>3 MB</td>
<td>DDR4-2133</td>
<td>Intel HD Graphics 510</td>
</tr>
<tr>
<td>Core i3-6100T</td>
<td>2 / 4</td>
<td>3.2 GHz</td>
<td>3 MB</td>
<td>DDR4-2133</td>
<td>Intel HD Graphics 530</td>
</tr>
</tbody>
</table>

#### Chipset
- **Intel H110 Chipset**

#### Memory
- 8GB max / 2133MHz DDR4, two SO-DIMM sockets

#### Graphics
- Intel HD Graphics 510 or Intel HD Graphics 530 in processor

#### Disk
- SATA 6.0Gb/s, 3.5" wide, 7200 rpm

#### Optical
- DVD±RW, 9.5mm high, tray-in

#### Display
- 21.5" (546mm) FHD (1920x1080) color, WVA, LED backlight, 16:9 aspect ratio, 250 nits

#### Multi-touch (opt)
- Support 10-point touch

#### Light sensor
- None

#### Controls
- Power button, optical drive eject button

#### WLAN
- 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, supervisor password, security keyhole

#### Chipset
- Security chip
- None

#### Dimensions
- **WxDxH**: 19.29" x 2.11" x 16.46"; 490mm x 53.7mm x 418mm
- **Weight (net)**: 11.4 lb (5.17 kg)

#### Stand
- Adjustable monitor stand, from -5° degrees to 25° degrees

#### VESA mount
- None

#### Power adapter
- Some: 90 watts PSU, 100V-240V
- Some: 120 watts PSU, 100V-240V

#### Camera
- 720p HD, fixed focus

#### Keyboard
- USB keyboard, full-size, 6-row, Fn keys, numeric keypad

#### Mouse
- USB mouse

#### Limited warranty
- 1-year, limited Mail-in service / service upgrades available

#### Preload
- Windows® 10 Home 64

#### Preinstalled software includes but not limited to the following:
- Lenovo® Companion 3.0
- Lenovo SHEARit
- Lenovo Rescue System
- Lenovo Solution Center
- McAfee® LiveSafe™ (30-day trial)

#### Environment
- RoHS-compliant; ENERGY STAR® 6.1

#### Dimensions
- **WxDxH**: 19.29" x 2.11" x 16.46"; 490mm x 53.7mm x 418mm
- **Weight (net)**: 11.4 lb (5.17 kg)

#### Stand
- Adjustable monitor stand, from -5° degrees to 25° degrees

#### VESA mount
- None

#### Power adapter
- Some: 90 watts PSU, 100V-240V
- Some: 120 watts PSU, 100V-240V

#### Camera
- 720p HD, fixed focus

#### Keyboard
- USB keyboard, full-size, 6-row, Fn keys, numeric keypad

#### Mouse
- USB mouse

#### Limited warranty
- 1-year, limited Mail-in service / service upgrades available

#### Preload
- Windows® 10 Home 64

#### Preinstalled software includes but not limited to the following:
- Lenovo® Companion 3.0
- Lenovo SHEARit
- Lenovo Rescue System
- Lenovo Solution Center
- McAfee® LiveSafe™ (30-day trial)

#### Environment
- RoHS-compliant; ENERGY STAR® 6.1