

ideacentre AIO 520 (27") Intel Platform Specifications

Product Specifications Reference (PSREF)

Processor	27IKL: Intel® Pentium® Processor or 7th Generation Intel Core™ i3 / i5 Processors <table border="1"> <thead> <tr> <th>Processor</th> <th>Cores / Threads</th> <th>Frequency (Base/Max)</th> <th>Cache</th> <th>Memory Type</th> <th>Integrated Graphics</th> </tr> </thead> <tbody> <tr> <td>Pentium G4560T</td> <td rowspan="2">2 / 4</td> <td>2.9 GHz</td> <td rowspan="2">3 MB</td> <td rowspan="4">DDR4-2400</td> <td>Intel HD Graphics 610</td> </tr> <tr> <td>Core i3-7100T</td> <td>3.4 GHz</td> <td>Intel HD Graphics 630</td> </tr> <tr> <td>Core i5-7400T</td> <td>4 / 4</td> <td>2.4 GHz / 3.0 GHz</td> <td>6 MB</td> </tr> <tr> <td>Core i7-7700T</td> <td>4 / 8</td> <td>2.9 GHz / 3.8 GHz</td> <td>8 MB</td> </tr> </tbody> </table> 27ICB: 8th Generation Intel Core i5 / i7 Processors <table border="1"> <thead> <tr> <th>Processor</th> <th>Cores / Threads</th> <th>Frequency (Base/Max)</th> <th>Cache</th> <th>Memory Type</th> <th>Integrated Graphics</th> </tr> </thead> <tbody> <tr> <td>Core i5-8400T</td> <td>6 / 6</td> <td>1.7 GHz / 3.3 GHz</td> <td>9 MB</td> <td rowspan="2">DDR4-2666</td> <td rowspan="2">Intel UHD Graphics 630</td> </tr> <tr> <td>Core i7-8700T</td> <td>6 / 12</td> <td>2.4 GHz / 4.0 GHz</td> <td>12 MB</td> </tr> </tbody> </table>						Processor	Cores / Threads	Frequency (Base/Max)	Cache	Memory Type	Integrated Graphics	Pentium G4560T	2 / 4	2.9 GHz	3 MB	DDR4-2400	Intel HD Graphics 610	Core i3-7100T	3.4 GHz	Intel HD Graphics 630	Core i5-7400T	4 / 4	2.4 GHz / 3.0 GHz	6 MB	Core i7-7700T	4 / 8	2.9 GHz / 3.8 GHz	8 MB	Processor	Cores / Threads	Frequency (Base/Max)	Cache	Memory Type	Integrated Graphics	Core i5-8400T	6 / 6	1.7 GHz / 3.3 GHz	9 MB	DDR4-2666	Intel UHD Graphics 630	Core i7-8700T	6 / 12	2.4 GHz / 4.0 GHz	12 MB	WLAN Bluetooth™ Ethernet	11ac wireless, Wi-Fi + Bluetooth 4.0 combo adapter, 1x1, M.2 card Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter Gigabit Ethernet connection
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Chipset	27IKL: Intel B250 platform 27ICB: Intel B360 platform						Remote control Security Security chip	None Power-on password, administrator password, security slot None																																							
Memory	27IKL: 16GB max / 2400MHz DDR4, two SO-DIMM sockets 27ICB: 16GB max / 2666MHz DDR4, two SO-DIMM sockets						Mechanical	<ul style="list-style-type: none"> silver color <table border="1"> <thead> <tr> <th>Non-touch model</th> <th>Dimensions (WxDxH)</th> <th>Max weight (lb / kg)</th> <th>Adjustments</th> </tr> </thead> <tbody> <tr> <td>Without stand</td> <td>24.21 X 4.99 X 15.25 (inch); 615 x 126.61 x 387.25 (mm)</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>With stand</td> <td>24.21 X 9.96 X 18.7 (inch); 615 x 252.85 x 474.9 (mm)</td> <td>19.47 / 8.83</td> <td>Tilt: 25° back, -5° forward</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th>Multi-touch model</th> <th>Dimensions (WxDxH)</th> <th>Max weight (lb / kg)</th> <th>Adjustments</th> </tr> </thead> <tbody> <tr> <td>Without stand</td> <td>24.21 X 4.99 X 15.88 (inch); 624.65 x 127.71 x 403.45 (mm)</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>With stand</td> <td>24.59 X 9.96 X 18.89 (inch); 624.65 x 252.85 x 479.79 (mm)</td> <td>23.15 / 10.5</td> <td>Tilt: 25° back, -5° forward</td> </tr> </tbody> </table>	Non-touch model	Dimensions (WxDxH)	Max weight (lb / kg)	Adjustments	Without stand	24.21 X 4.99 X 15.25 (inch); 615 x 126.61 x 387.25 (mm)	N/A	N/A	With stand	24.21 X 9.96 X 18.7 (inch); 615 x 252.85 x 474.9 (mm)	19.47 / 8.83	Tilt: 25° back, -5° forward	Multi-touch model	Dimensions (WxDxH)	Max weight (lb / kg)	Adjustments	Without stand	24.21 X 4.99 X 15.88 (inch); 624.65 x 127.71 x 403.45 (mm)	N/A	N/A	With stand	24.59 X 9.96 X 18.89 (inch); 624.65 x 252.85 x 479.79 (mm)	23.15 / 10.5	Tilt: 25° back, -5° forward															
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Graphics	<i>Some:</i> Intel HD Graphics 610 / 630 in processor, DirectX® 12 <i>Some:</i> Intel UHD Graphics 630 in processor, DirectX® 12 <i>Some:</i> NVIDIA® GeForce® 940MX, 2GB GDDR5, DirectX 12 <i>Some:</i> AMD Radeon™ RX 550, 4GB GDDR5, DirectX 12						Power adapter	120 or 150 watts PSU, 100V-240V																																							
Storage	<i>Some:</i> SATA 6.0Gb/s, 3.5" wide, 7200 rpm <i>Some:</i> M.2 SSD / PCIe NVMe, PCIe 3.0 x 4 (e.g. 256GB SSD M.2 PCIe NVMe) <i>Some:</i> M.2 SSD / PCIe NVMe, PCIe 3.0 x 2 (e.g. 128GB SSD M.2 PCIe NVMe) <i>Some:</i> Intel Optane™ Memory , M.2						Camera	<i>Some:</i> 1080p HD, fixed focus <i>Some:</i> IR camera, 1080p, (support Windows Hello)																																							
SATA Controller	Serial ATA, SATA 6.0Gb/s support						Keyboard (opt)	<i>Some:</i> Lenovo Calliope Keyboard (USB connector), black or silver <i>Some:</i> Lenovo Calliope Wireless Keyboard, black or silver																																							
Optical (opt)	SATA connector, DVD±RW, 9.0mm high, tray-in						Mouse (opt)	<i>Some:</i> Lenovo Calliope Mouse (USB connector), black or silver <i>Some:</i> Lenovo Calliope Wireless Mouse, black or silver																																							
Media reader	3-in-1 reader (SD, SDHC, SDXC) (bottom)						Limited warranty	<i>Some:</i> 1-year, limited mail-in service / service upgrades available <i>Some:</i> 1-year or 2-year, depot repair service / service upgrades available																																							
Ports	Rear: Two USB 2.0, one USB 3.1 Gen 1, one USB 3.1 Type-C Gen 1 (Always On), one ethernet (RJ-45), one HDMI-out port, optional one HDMI-in port, one power connector, one security cable slot Right: one USB 3.1 Gen1 Bottom: one headphone / microphone combo jack (3.5mm), card reader						Preload	<i>Some:</i> Windows® 10 Home 64 <i>Some:</i> Windows 10 pro 64 Preinstalled software includes but not limited to the following: <ul style="list-style-type: none"> Lenovo® Companion 3.0 Lenovo ID Lenovo Settings Lenovo Rescue System 9.0 McAfee® LiveSafe™ (30-day trial) 																																							
TV tuner	None						Environment	27IKL: ENERGY STAR® 6.1; GREENGUARD® certified; ErP Lot 3; RoHS-compliant 27ICB: ENERGY STAR 7.0; ErP Lot 3; RoHS-compliant																																							
Audio support	HD Audio, stereo speakers with Dolby Premium™ certification, 3W x 2, dual array microphone																																														
Display	27" (685mm) QHD (2560x1440) color, WVA, LED backlight, frameless 16:9 aspect ratio, 250 nits, IPS, borderless, anti-glare (only for non-touch model)																																														
Multi-touch(opt)	Support 10-point touch																																														
Light sensor	None																																														
Controls	Power button, optional optical drive eject button, cable clip, camera eject button																																														