

# ideacentre AIO 520-24ICB Platform Specifications

Product Specifications Reference (PSREF)

Processor	Intel Pentium Gold Processor or 8th Generation Intel Core i3 / i5 / i7 Processors						WLAN	11ac wireless, Wi-Fi + Bluetooth 4.0 combo adapter, 1x1, M.2 card			
	Processor	Cores / Threads	Frequency (Base/Max)	Cache	Memory Types	Integrated Graphics	Bluetooth™	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter			
	Pentium Gold G5400T	2 / 4	3.1 GHz	4 MB	DDR4-2400	Intel UHD Graphics 610	Ethernet	Gigabit Ethernet connection			
	Core i3-8100T	4 / 4	3.1 GHz	6 MB			Remote control	None			
	Core i5-8400T	6 / 6	1.7 GHz / 3.3 GHz	9 MB	DDR4-2666	Intel UHD Graphics 630	Security	Power-on password, administrator password, security slot			
Core i7-8700T	6 / 12	2.4 GHz / 4.0 GHz	12 MB	Security chip			None				
Chipset	Intel B360 platform						Mechanical	● black or silver color			
Memory	16GB max / 2600MHz DDR4, two SO-DIMM sockets * System automatically clocks down for the processors with lower memory controller								Dimensions (WxDxH)	Max weight (lb / kg)	Adjustments
Graphics	Some: Intel UHD Graphics 610 / 630 in processor Some: AMD Radeon™ 530, 2GB GDDR5, DirectX® 12							Without stand	21.31 X 2.24 X 13.62 (inch); 541.2 x 57.3 x 346.06 (mm)	N/A	N/A
	Storage	Some: SATA 6.0Gb/s, 3.5" wide, 7200 rpm Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 4 (e.g. 256GB SSD M.2 PCIe NVMe) Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 2 (e.g. 128GB SSD M.2 PCIe NVMe) Some: Intel Optane™ Memory, M.2						With stand	21.31 X 8.34 X 16.39 (inch); 541.2 x 212 x 416.8 (mm)	13.6 / 6.17	Tilt: 25° back, -5° forward
SATA Controller	Serial ATA, SATA 6.0Gb/s support						Power adapter	Some: 90 watts PSU, 100V-240V Some: 120 watts PSU, 100V-240V			
Optical (opt)	SATA connector, DVD±RW, 9.0mm high, tray-in						Camera	Some: 720p HD, fixed focus Some: IR camera, 1080p, (support Windows Hello)			
Media reader	3-in-1 reader (SD, SDHC, SDXC) (bottom)						Keyboard (opt)	Some: Lenovo Calliope Keyboard (USB connector), black or silver Some: Lenovo Calliope Wireless Keyboard, black or silver			
Ports*	<i>Rear:</i> USB 2.0 x 3, power connector, Ethernet (RJ-45), security cable slot, HDMI-out, USB 3.1 Gen1 x 1 (for 24IKU / 24IKL), USB 3.1 Gen2 x 1 (only for 24ICB), optional HDMI-in <i>Bottom:</i> headphone / microphone combo jack (3.5mm) x 1, media card reader <i>Right:</i> USB 3.1 Gen1 x 1 * Depending on many factors, actual data transfer speed may be lower than theoretical speed						Mouse (opt)	Some: Lenovo Calliope Mouse (USB connector), black or silver Some: Lenovo Calliope Wireless Mouse, black or silver			
TV tuner	None						Limited warranty	Some: 1-year, limited mail-in service / service upgrades available Some: 1-year or 2-year, depot repair service / service upgrades available			
Audio support	HD Audio, stereo speakers with Dolby® Audio™ certification, 3W x 2, dual array microphone						Preload	Some: Windows® 10 Home 64 Some: Windows 10 Pro 64 Preinstalled software includes but not limited to the following: • Lenovo® Companion 3.0 • Lenovo ID • Lenovo Settings • Lenovo Rescue System 9.0 • McAfee® LiveSafe™ (30-day trial)			
Display	23.8" (604.5mm) FHD (1920x1080) color, WVA, LED backlight, anti-glare, frameless 16:9 aspect ratio, 250 nits, IPS, borderless						Environment	ENERGY STAR® 7.0; ErP Lot 3, RoHS-compliant, GREENGUARD® certified;			
Multi-touch (opt)	Support 10-point touch										
Light sensor	None										
Controls	Power button, optical drive eject button, cable clip, camera eject button										