

# ideacentre AIO 520 (22") Platform Specifications

Product Specifications Reference (PSREF)

Processor	AMD® E2, A4, A6, A9, A10 or A12 series APUs						Display	21.5" (546mm) FHD (1920x1080) color, WVA, LED backlight, anti-glare, frameless 16:9 aspect ratio, 250 nits, borderless	
	Processor	Cores	Frequency (Base/Max)	Cache	Memory Type	Integrated Graphics	Multi-touch (opt)	Support 10-point touch	
	E2-9010	2	2.0 GHz / 2.2 GHz	1 MB	DDR4-1866	Radeon™ R2	Light sensor	None	
	A4-9120	2	2.2 GHz / 2.5 GHz	1 MB	DDR4-1866	Radeon R3	Controls	Power button, optional optical drive eject button, cable clip, camera eject button	
	A6-9220	2	2.5 GHz / 2.9 GHz	1 MB	DDR4-1866	Radeon R4	WLAN	11ac wireless, Wi-Fi + Bluetooth 4.0 combo adapter, 1x1, M.2 card	
	A9-9420	2	3.0 GHz / 3.6 GHz	1 MB	DDR4-1866	Radeon R5	Bluetooth™	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter	
	A10-9620P	4	2.5 GHz / 3.4 GHz	2 MB	DDR4-1866	Radeon R5	Ethernet	Gigabit Ethernet connection	
	A12-9720P	4	2.7 GHz / 3.6 GHz	2 MB	DDR4-1866	Radeon R7	Remote control	None	
	Intel® Pentium® Processor or 6th / 7th Generation Intel® Core™ i3 / i5 Processors						Security	Power-on password, administrator password, security slot	
	Processor	Cores / Threads	Frequency (Base/Max)	Cache	Memory Type	Integrated Graphics	Security chip	None	
	Pentium 4415U	2 / 4	2.3 GHz	2 MB	DDR4-2133	Intel HD Graphics 610	Dimensions	WxDxH: 19.32" x 2.24" x 15.27"; 490.7mm x 57mm x 387.78mm	
	Core i3-6006U	2 / 4	2.0 GHz	3 MB		Intel HD Graphics 520	Weight (net)	12.46 lb (5.65 kg)	
	Core i5-7200U	2 / 4	2.5 GHz / 3.1 GHz	3 MB		Intel HD Graphics 620	Case color	Black or silver	
Chipset	520-22AST: AMD Soc (System on Chip) platform 520-22IKU: Intel Soc (System on Chip) platform						Stand	Adjustable monitor stand, from -5° degrees to 25° degrees	
Memory	8GB max / 2400MHz DDR4, two SO-DIMM sockets						VESA mount	None	
Graphics	Some: AMD Radeon Graphics or Intel HD Graphics in processor Some: AMD Radeon 530, 2GB GDDR5, DirectX® 12						Power adapter	90 watts PSU, 100V-240V	
Storage	Some: SATA 6.0Gb/s, 3.5" wide, 7200 rpm Some: M.2 SSD / PCIe, PCIe 3.0 x 4 Some: Intel Optane™ Memory Ready (models with 7th gen Core processor), M.2						Camera	Some: 720p HD, fixed focus Some: IR camera, 1080p, (support Windows Hello)	
SATA Controller	Serial ATA, SATA 6.0Gb/s support						Keyboard (opt)	Some: Lenovo Calliope Keyboard (USB connector), black or silver	
Optical (opt)	SATA connector, DVD±RW, 9.0mm high, tray-in						Mouse (opt)	Some: Lenovo Calliope Wireless Keyboard, black or silver Some: Lenovo Calliope Mouse (USB connector), black or silver	
Media reader	3-in-1 reader (SD, SDHC, SDXC) (bottom)						Some: Lenovo Calliope Wireless Mouse, black or silver	Limited warranty	1-year, limited Mail-in service / service upgrades available
Ports	USB 2.0 x 3, power connector, Ethernet (RJ-45), security cable slot, HDMI-out, USB 3.0 x 2, combo audio jack (bottom), optional HDMI-in						Preload	Windows® 10 Home 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)	
TV tuner	None						Environment	RoHS-compliant; ENERGY STAR® 6.1	
Audio support	HD Audio, stereo speakers with Dolby® Advanced Audio™ certification, 3W x 2, dual array microphone								