

ideacentre 310S Platform Specifications

Product Specifications Reference (PSREF)

Processor	AMD® A or E series APUs						Security features		Power-on password, administrator password, hard-disk password
	Processor	Cores	Frequency (Base/Max)	Cache	Memory Types	Integrated Graphics	Keyboard (opt)	Some: Lenovo Calliope Keyboard (USB connector), Fn keys, black or silver Some: Lenovo Wireless Keyboard, Fn keys, black	
	E2-9030	2	2.0 GHz / 2.2 GHz	1 MB	DDR4-1866	Radeon R2	Mouse (opt)	Some: Lenovo Calliope Mouse (USB connector), black or silver Some: Lenovo Wireless Mouse, black	
	A6-9230	2	2.6 GHz / 2.8 GHz	1 MB	DDR4-2400	Radeon R4			
	A9-9420	2	3.0 GHz / 3.6 GHz	1 MB	DDR4-2133	Radeon R5			
A9-9430	2	3.2 GHz / 3.5 GHz	1 MB	DDR4-2400					
Memory	16GB max, DDR4, two UDIMM sockets, dual-channel capable								
Storage	Some: SATA 6.0Gb/s, 3.5" wide, 7200 rpm Some: SSD / SATA 6.0Gb/s, 2.5" wide								
Optical (opt)	DVD±RW, SATA connector, slim								
Onboard SATA	SATA 6.0Gb/s controller (integrated in chipset), two SATA 6.0Gb/s connectors								
Media reader	Optional 7-in-1 media reader (SD, SDHC, SDXC, MMC, MS, MS-Pro, MMC plus)								
Graphics	Some: AMD Radeon™ R2 / R4 / R5 Graphics in processor, uses main memory, DirectX® 12 Some: NVIDIA® GeForce® GT730, 1GB GDDR5 or 2GB GDDR3, one VGA, one HDMI, DirectX® 12 Max resolution: 1920x1200@60Hz (VGA); 4096x2160@30Hz (HDMI) Additional VGA, HDMI on optional graphic card on some models *Onboard VGA and HDMI are unavailable on discrete models								
Chipset	AMD SoC platform								
Front ports	Two USB 2.0, two USB 3.0, microphone connector, headphone connector								
Rear ports	Two USB 2.0, ethernet (RJ-45), VGA, HDMI (1.4b), power connector								
Rear audio ports	Line-in (3.5mm), line-out (3.5mm), microphone-in (3.5mm)								
IEEE 1394	None								
Audio support	High Definition (HD) Audio, Realtek® ALC662, 5.1 channels								
WLAN (opt)	11ac, M.2 Card, Wi-Fi + Bluetooth combo adapter, 1x1								
Bluetooth™	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter								
Ethernet	One gigabit ethernet port, RTL8111GN								
Modem	None								
							Power adapter	Some: 65 watts, autosensing, EnergyStar 6.1, universal (110V-220V) Some: 90 watts, autosensing, EnergyStar 6.1, universal (110V-220V) Some: 120 watts, autosensing, EnergyStar 6.1, universal (110V-220V) Some: 150 watts, autosensing, EnergyStar 6.1, universal (110V-220V)	
							Limited warranty	1-year, limited Mail-in service / service upgrades available	
							Preload	Preloaded operating system Windows® 10 Home 64 Preloaded applications (only some listed) • Lenovo® Rescue System • Lenovo Companion • Lenovo ID • Adobe® Reader®	
							Environment	ENERGY STAR® 6.1; RoHS-compliant	

Lenovo
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