

ideacentre 510S-07ICB Platform Specifications

Product Specifications Reference (PSREF)

Processor	Intel Celeron Processor, Intel Pentium Processor or 8th Generation Intel Core i3 / i5 / i7 Processors					WLAN (opt)	11ac, M.2 Card, Wi-Fi + Bluetooth combo adapter, 1x1
						Bluetooth™ (opt)	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter
						Ethernet Modem	One gigabit ethernet port, Realtek RTL8111GN None
						Security features	<ul style="list-style-type: none"> Power-on password Administrator password Hard-disk password Kensington® lock
						Keyboard (opt)	Some: Lenovo Calliope Keyboard (USB connector), Fn keys, black or silver Some: Lenovo Wireless Keyboard (2.4GHz), Fn keys, black or silver
						Mouse (opt)	Some: Lenovo Calliope Mouse (USB connector), black or silver Some: Lenovo Wireless Mouse (2.4GHz), black or silver
						Mechanical	<ul style="list-style-type: none"> SFF 7.4L, <i>chassis</i>: black color; <i>bezel</i>: warm silver color dimensions (WxDxH): 3.94" x 10.63" x 11.36"; 100mm x 270mm x 288.5mm net weight: 9.64 lb (4.37 kg) Bay 1: 9.0mm, slim optical Bay 2: 3.5" or 2.5", disk Slot 1: half-length, half height, PCIe 3.0x16 Slot 2: half-length, half height, PCIe 3.0x1 M.2 card slots: one for WLAN, one for M.2 SSD / Optane
						Power supply	Some: 180 watts, autosensing, 85% PSU, EnergyStar 6.1, universal (100V-240V) Some: 210 watts, autosensing, 85% PSU, EnergyStar 6.1, universal (100V-240V)
						Limited warranty	1-year or 2-year, depot repair service / service upgrades available
						Preload (opt)	Preloaded operating system Windows® 10 Home 64 Preloaded applications (only some listed) <ul style="list-style-type: none"> Microsoft Office preloaded; purchase a product key to activate Lenovo® Application Explorer Lenovo PC Manager McAfee® LiveSafe™ (30-day trial) PowerDVD (DVD±RW) Power2GO (DVD±RW)
						Environment	ENERGY STAR 7.0; ErP Lot 3; RoHS-compliant
Memory	16GB max, 2400MHz or 2666MHz DDR4, two sockets, dual-channel capable						
Storage	Some: SATA 6.0Gb/s, 3.5" wide, 7200 rpm Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x4, 32Gb/s Some: SSD / SATA 6.0Gb/s, 2.5" wide Some: Intel Optane™ Memory, PCIe NVMe, PCIe 3.0 x2, 16Gb/s, M.2 * 128GB SSD M.2 (2242) PCIe NVMe only supports PCIe 3.0 x 2, 16Gb/s						
Optical (opt)	DVD±RW, SATA 1.5Gb/s, slim						
Onboard SATA	SATA 6.0Gb/s controller, 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: Intel HD Graphics 610 / 630 or Intel UHD Graphics 610 / 630 in processor, uses main memory, DirectX® 12; <i>Max resolution</i> : 1920x1080@30Hz (HDMI); 1920x1200@60Hz (VGA) Some: NVIDIA® GeForce® GT 730, 1GB or 2GB GDDR5, DirectX 12, one VGA, one HDMI; <i>Max resolution</i> : 3840x2160 (HDMI)@30Hz; 2048x1536 (VGA)@75Hz Some: NVIDIA GeForce GT 730, 2GB GDDR3, DirectX 12, one VGA, one HDMI; <i>Max resolution</i> : 1920x1080 (HDMI)@60Hz; 2048x1536 (VGA)@85Hz;						
Chipset	Intel B360 chipset						
Front ports*	two USB 3.1 Gen1, two USB 3.1 Gen2, optional media reader one headphone / microphone combo jack (3.5mm), one microphone (3.5mm)						
Rear ports*	two USB 2.0, two USB 3.1 Gen1, ethernet (RJ-45), one DP, one HDMI, one VGA, one serial port, one audio port						
IEEE 1394	None * Depending on many factors, actual data transfer speed may be lower than theoretical speed						
Audio support	High Definition (HD) Audio, Realtek® ALC233						