

ideacentre 510S-07ICB 90K800F5GE

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Product
ideacentre 510S-07ICB

Region
WE

Country
Germany

Machine Type
90K8

Processor
Core i3-8100 (4C / 4T, 3.6GHz, 6MB)

Graphics
Integrated Intel UHD Graphics 630

Chipset
Intel B360

Memory
1 x 8GB DDR4-2666

Storage
512GB SSD M.2 2280 PCIe NVMe

Optical
9.0mm DVD±RW

Media Reader
7-in-1

WLAN + Bluetooth
11ac, 1x1 + BT4.0

Keyboard / Mouse
USB Black / USB Black

System Fan
None

Power Supply
180W 85% Energy Star

Operating System
Windows 10 Home 64

Color
Silver

upc_ean_jan_code
193638303282

Warranty
2-year, Depot

Announce Date
2019-06-05



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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	
	Processor	Cores / Threads	Frequency (Base/Max)	Cache	Memory Types	Integrated Graphics	Bluetooth™ (opt)	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter	
	Celeron G4900	2 / 2	3.1 GHz	2 MB	DDR4-2400	Intel UHD Graphics 610	Ethernet Modem	One gigabit ethernet port, Realtek RTL8111GN	
	Pentium Gold G5400	2 / 4	3.7 GHz	4 MB			None		
	Core i3-8100	4 / 4	3.6 GHz	6 MB	DDR4-2666	Intel UHD Graphics 630	Security features	• Power-on password • Administrator password • Hard-disk password • Kensington® lock	
	Core i5-8400	6 / 6	2.8 GHz / 4.0 GHz	9 MB			Keyboard (opt)	Some: Lenovo Calliope Keyboard (USB connector), Fn keys, black or silver	
Core i7-8700	6 / 12	3.2 GHz / 4.6 GHz	12 MB			Mouse (opt)	Some: Lenovo Wireless Keyboard (2.4GHz), Fn keys, black or silver Some: Lenovo Calliope Mouse (USB connector), black or silver Some: Lenovo Wireless Mouse (2.4GHz), black or silver		
Memory	16GB max, 2400MHz or 2666MHz DDR4, two sockets, dual-channel capable								
Storage	<i>Some:</i> SATA 6.0Gb/s, 3.5" wide, 7200 rpm <i>Some:</i> M.2 SSD / PCIe NVMe, PCIe 3.0 x4, 32Gb/s <i>Some:</i> SSD / SATA 6.0Gb/s, 2.5" wide <i>Some:</i> 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							Mechanical	• SFF 7.4L, <i>chassis:</i> black color; <i>bezel:</i> 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
Optical (opt)	DVD±RW, SATA 1.5Gb/s, slim								
Onboard SATA	SATA 6.0Gb/s controller, two SATA 6.0Gb/s connectors							Power supply	<i>Some:</i> 180 watts, autosensing, 85% PSU, EnergyStar 6.1, universal (100V-240V) <i>Some:</i> 210 watts, autosensing, 85% PSU, EnergyStar 6.1, universal (100V-240V)
Media reader	Optional 7-in-1 media reader (SD, SDHC, SDXC, MMC, MS, MS-Pro, MMC plus)							Limited warranty	1-year or 2-year, depot repair service / service upgrades available
Graphics	<i>Some:</i> 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) <i>Some:</i> NVIDIA® GeForce® GT 730, 1GB or 2GB GDDR5, DirectX 12, one VGA, one HDMI; <i>Max resolution:</i> 3840x2160 (HDMI)@30Hz; 2048x1536 (VGA)@75Hz <i>Some:</i> NVIDIA GeForce GT 730, 2GB GDDR3, DirectX 12, one VGA, one HDMI; <i>Max resolution:</i> 1920x1080 (HDMI)@60Hz; 2048x1536 (VGA)@85Hz;							Preload (opt)	Preloaded operating system Windows® 10 Home 64 Preloaded applications (only some listed) • 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)
Chipset	Intel B360 chipset							Environment	ENERGY STAR 7.0; ErP Lot 3; RoHS-compliant
Front ports*	two USB 3.1 Gen1, two USB 3.1 Gen2, optional media reader								
Rear ports*	one headphone / microphone combo jack (3.5mm), one microphone (3.5mm)								
	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								

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