

ideacentre 510s-07ICK 90LX005NGE

Product

ideacentre 510S-07ICK

Region

WE

Country/Region

Germany

Machine Type

90LX

Processor

Intel Core i5-9400 (6C / 6T, 2.9 / 4.1GHz, 9MB)

Graphics

Integrated Intel UHD Graphics 630

Chipset

Intel B365

Memory

2x 4GB DIMM DDR4-2666

Storage

256GB SSD M.2 2280 PCIe NVMe Opal2 + 1TB HDD
7200rpm 3.5"

Optane Memory

None

Optical

9.0mm DVD±RW

Ethernet

Integrated 100/1000M

Media Reader

7-in-1

WLAN + Bluetooth

11ac, 1x1 + BT4.0

Color

Chassis: Black bezel: Warm silver

Keyboard

USB Calliope Keyboard, Black, German

Mouse

USB Calliope Mouse, Black

System Fan

Default

Power Supply

180W 85% Energy Star

Operating System

None

Bundled Software

None

Base Warranty

2-year, Depot

Bundled Service

None

EAN / UPC

194632883725

End of Support

2021-01-05

Announce Date

2019-12-05



WWW.LENOVO.COM

Lenovo may not offer the products, services or features discussed in this document in other countries. Lenovo may withdraw an offering at any time. Information is subject to change without notice. Consult your local representative for information on offerings available in your area.

Lenovo reserves the right to change specifications or other product information without notice. Lenovo is not responsible for photographic or typographical errors.

Lenovo provides this publication "as is" without warranty of any kind, either express or implied, including the implied warranties of merchantability or fitness for a particular purpose.



<https://psref.lenovo.com>

Visit psref website for the latest version of Product Specifications Reference.

© Lenovo, 2020. All rights reserved.



Lenovo™

ideacentre 510S-07ICK Platform Specifications

Product Specifications Reference (PSREF)

Processor	Intel Celeron Processor, Intel Pentium Processor or 8th & 9th 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		
	Celeron G4930	2 / 2	3.2 GHz	2 MB			Security features	● Power-on password ● Administrator password ● Hard-disk password ● Kensington® lock		
	Pentium Gold G5400	2 / 4	3.7 GHz	4 MB						
	Pentium Gold G5420	2 / 4	3.8 GHz	4 MB						
	Core i3-8100	4 / 4	3.6 GHz	6 MB	DDR4-2666	Intel UHD Graphics 630	Keyboard (opt)	Some: Lenovo Calliope Keyboard (USB connector), Fn keys, black or silver		
	Core i5-8400	6 / 6	2.8 GHz / 4.0 GHz	9 MB			Mouse (opt)	Some: Lenovo Wireless Keyboard (2.4GHz), Fn keys, black or silver		
	Core i5-8500	6 / 6	3.0 GHz / 4.1 GHz	9 MB					Some: Lenovo Calliope Mouse (USB connector), black or silver	
	Core i7-8700	6 / 12	3.2 GHz / 4.6 GHz	12 MB			DDR4-2400	Intel UHD Graphics 630		Mechanical
	Core i3-9100	4 / 4	3.6 GHz / 4.2 GHz	6 MB	DDR4-2666	-				
	Core i5-9400F	6 / 6	2.9 GHz / 4.1 GHz	9 MB	DDR4-2666	-				
Core i5-9400	6 / 6	2.9 GHz / 4.1 GHz	9 MB	DDR4-2666	Intel UHD Graphics 630					
Core i7-9700	8 / 8	3.0 GHz / 4.7 GHz	12 MB	DDR4-2666	Intel UHD Graphics 630					
Memory	16GB max, 2666MHz DDR4, two sockets, dual-channel capable * System automatically clocks down for the processors with lower memory controller						Power supply	Some: 180 watts, autosensing, 85% PSU, EnergyStar 6.1, universal (100V-240V)		
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						Limited warranty	1-year or 2-year, depot repair service / service upgrades available		
Optane Memory	Optional: 32GB Intel Optane Memory, PCIe NVMe, PCIe 3.0 x 4, 16Gb/s, M.2						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)		
Optical (opt)	DVD±RW, SATA 1.5Gb/s, slim						Environment	ENERGY STAR 7.0; ErP Lot 3; RoHS-compliant		
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 UHD Graphics 610 / 630 in processor, uses main memory, DirectX® 12; Max resolution: 1920x1080@30Hz (HDMI); 1920x1200@60Hz (VGA) Some: NVIDIA® GeForce® GT 730, 2GB GDDR5, DirectX 12, one VGA, one HDMI; Max resolution: 3840x2160 (HDMI)@30Hz; 2048x1536 (VGA)@75Hz									
Chipset	Intel B365 chipset									
Front ports*	Four USB 3.1 Gen1, optional media reader one headphone / microphone combo jack (3.5mm), one microphone (3.5mm)									
Rear ports*	Four USB 2.0, thernet (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® ALC623-CG									

Lenovo
October 2019

Lenovo™

ideacentre 510s-07ICK

