



## Lenovo IdeaCentre 510S-08IKL Intel® Core™ i3 i3-7100 8 GB DDR4-SDRAM 1 TB HDD Windows 10 Home SFF PC Black



**Brand :** Lenovo

**Product family:** IdeaCentre

**Product code:** 90GB007WIX

**Product name :** 510S-08IKL

- Intel Core i3-7100 (2C/4T, 3.9GHz, 3MB)
- 1x 8GB DIMM DDR4-2400
- 1TB HDD 7200rpm 3.5"
- 1x Intel HD Graphics 630
- Windows 10 Home 64

Intel Core i3-7100 (2C/4T, 3.9GHz, 3MB), 1x 8GB DIMM DDR4-2400, 1TB HDD 7200rpm 3.5", 1x Intel HD Graphics 630, Windows 10 Home 64

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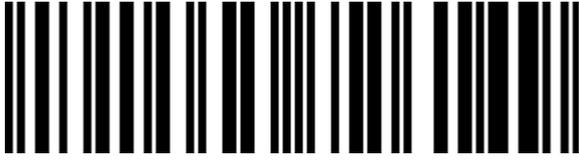
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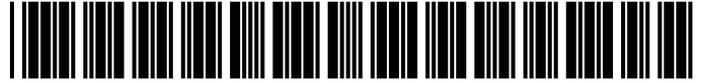
Lenovo IdeaCentre 510S-08IKL. Processor frequency: 3,9 GHz, Processor family: Intel® Core™ i3, Processor model: i3-7100. Internal memory: 8 GB, Internal memory type: DDR4-SDRAM, Memory clock speed: 2400 MHz. Total storage capacity: 1 TB, Storage media: HDD, Optical drive type: DVD±RW. On-board graphics card model: Intel® HD Graphics 630. Operating system installed: Windows 10 Home, Operating system architecture: 64-bit. Power supply: 180 W. Chassis type: SFF. Product type: PC

Processor		Ports & interfaces	
Processor manufacturer *	Intel	Line-in	✓
Processor family *	Intel® Core™ i3	<b>Design</b>	
Processor generation	7th gen Intel® Core™ i3	Chassis type *	SFF
Processor model *	i3-7100	Colour name	Chassis: Black bezel: silver
Processor cores	2	Product colour *	Black
Processor threads	4	<b>Performance</b>	
Processor frequency *	3.9 GHz	Motherboard chipset	Intel® B250
Processor socket	LGA 1151 (Socket H4)	Audio output channels	5.1 channels
Processor cache	3 MB	Product type *	PC
Processor cache type	Smart Cache	<b>Software</b>	
System bus rate	8 GT/s	Operating system installed *	Windows 10 Home
Bus type	DMI3	Operating system architecture	64-bit
Processor lithography	14 nm	<b>Processor special features</b>	
Processor operating modes	64-bit	Intel 64	✓
Processor codename	Kaby Lake	Enhanced Intel SpeedStep Technology	✓
Thermal Design Power (TDP)	51 W	Embedded options available	✗
Tjunction	100 °C	Intel® InTru™ 3D Technology	✓
PCI Express slots version	3.0	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Maximum number of PCI Express lanes	16	Intel Clear Video Technology	✓
PCI Express configurations	1x16, 1x8+2x4, 2x8	Intel VT-x with Extended Page Tables (EPT)	✓
Number of processors installed	1	Intel TSX-NI	✗
Stepping	S0	Idle States	✓
Maximum internal memory supported by processor	64 GB	Thermal Monitoring Technologies	✓
Memory types supported by processor	DDR3L-SDRAM, DDR4-SDRAM	Intel Stable Image Platform Program (SIPP)	✗
Memory clock speeds supported by processor	1333,1600,2133,2400 MHz	Intel® AES New Instructions (Intel® AES-NI)	✓
ECC supported by processor	✗		
<b>Memory</b>			
Internal memory *	8 GB		
Internal memory type	DDR4-SDRAM		

<b>Memory</b>		<b>Processor special features</b>	
Memory layout (slots x size)	1 x 8 GB	Intel® Secure Key	✓
Memory clock speed	2400 MHz	Intel® OS Guard	✓
Memory channels	Dual-channel	Intel Trusted Execution Technology	✗
<b>Storage</b>		Execute Disable Bit	✓
Total storage capacity *	1 TB	Intel Enhanced Halt State	✓
Storage media *	HDD	Intel Software Guard Extensions (Intel SGX)	✓
Optical drive type *	DVD±RW	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Number of storage drives installed	1	Processor package size	37.5 x 37.5 mm
Total HDDs capacity	1 TB	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Number of HDDs installed	1	Processor code	SR35C
HDD capacity	1 TB	Scalability	1S
HDD interface	SATA III	CPU configuration (max)	1
HDD speed	7200 RPM	Thermal solution specification	PCG 2015C
HDD size	3.5"	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Card reader integrated	✓	Intel Identity Protection Technology version	1.00
<b>Graphics</b>		Intel Stable Image Platform Program (SIPP) version	0.00
Discrete graphics card *	✗	Intel Secure Key Technology version	1.00
On-board graphics card *	✓	Intel Virtualization Technology (VT-x)	✓
Number of discrete graphics cards	1	Intel TSX-NI version	0.00
On-board graphics card model *	Intel® HD Graphics 630	Processor ARK ID	97455
On-board graphics card base frequency	350 MHz	Intel® Turbo Boost Technology	✗
On-board graphics card dynamic frequency (max)	1100 MHz	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Maximum on-board graphics card memory	64 GB	Intel® Quick Sync Video Technology	✓
Number of displays supported (on-board graphics)	3	Intel® Identity Protection Technology (Intel® IPT)	✓
On-board graphics card DirectX version	12.0	Conflict-Free processor	✓
On-board graphics card OpenGL version	4.4	<b>Power</b>	
On-board graphics card ID	0x5912	Power supply *	180 W
<b>Network</b>		<b>Weight &amp; dimensions</b>	
Ethernet LAN *	✓	Width *	394 mm
Ethernet LAN data rates	10,100,1000 Mbit/s	Depth *	195 mm
Cabling technology	10/100/1000Base-T(X)	Height *	494 mm
<b>Ports &amp; interfaces</b>		Weight *	4.13 kg
USB 2.0 ports quantity *	2	<b>Packaging content</b>	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	5	Mouse included	✓
VGA (D-Sub) ports quantity	1	Keyboard included	✓
DVI port	✗	<b>Display</b>	
HDMI ports quantity *	1	Display included *	✗
Ethernet LAN (RJ-45) ports	1	<b>Other features</b>	
Microphone in	✓	Optical drives quantity	1
Headphone outputs	1		
Line-out	✓		



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