Lenovo IdeaCentre 510-15IKL Intel® Core™ i5 i5-7400 8 GB DDR4-SDRAM 1,13 TB HDD+SSD NVIDIA® GeForce® GTX 1050 Windows 10 Home □□□□□□□□□□ PC □□□□□, □□□□□□

Brand : Lenovo **Product family:** IdeaCentre **Product code:** 90G800CMMW

Product name : 510-15IKL

Processor	
Processor manufacturer *	Intel
Processor family *	Intel® Core™ i5
Processor generation	7th gen Intel® Core™ i5
Processor model *	i5-7400
Processor cores	4
Processor threads	4
Processor boost frequency	3.5 GHz
Processor frequency *	3 GHz
Processor socket	LGA 1151 (Socket H4)
Processor cache	6 MB
Processor cache type	Smart Cache
System bus rate	8 GT/s
Bus type	DMI3
Processor lithography	14 nm
Processor operating modes	64-bit
Processor series	Intel Core i5-7400 Desktop Series
Processor codename	Kaby Lake
Thermal Design Power (TDP)	65 W
Tjunction	100 °C
PCI Express slots version	3.0
Maximum number of PCI Express lanes	16
PCI Express configurations	1x16, 1x8+2x4, 2x8
Number of processors installed	1
Stepping	B0
Maximum internal memory supported by processor	64 GB
Memory types supported by processor	DDR3L-SDRAM, DDR4-SDRAM
Memory clock speeds supported by processor	1333,1600,2133,2400 MHz
ECC supported by processor	✗
Memory voltage supported by processor	1.35 V

Memory	
Internal memory *	8 GB
Maximum internal memory *	16 GB
Internal memory type	DDR4-SDRAM

Ports & interfaces	
HDMI ports quantity *	1
Ethernet LAN (RJ-45) ports	1
Microphone in	✓
Headphone outputs	1
Line-out	✓
Line-in	✓

Design	
Chassis type *	Desktop
Product colour *	Black, Silver

Performance	
Market positioning	Business
Product type *	PC

Software	
Operating system installed *	Windows 10 Home
Operating system architecture	64-bit

Processor special features	
Intel 64	✓
Enhanced Intel SpeedStep Technology	✓
Embedded options available	✗
Intel® InTru™ 3D Technology	✓
Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Intel Clear Video Technology	✓
Intel VT-x with Extended Page Tables (EPT)	✓
Intel TSX-NI	✗
Idle States	✓
Thermal Monitoring Technologies	✓
Intel Stable Image Platform Program (SIPP)	✗
Intel® AES New Instructions (Intel® AES-NI)	✓
Intel® Secure Key	✓
Intel® OS Guard	✓

Memory	
Memory channels	Dual-channel

Storage	
Total storage capacity *	1.13 TB
Storage media *	HDD+SSD
Number of storage drives installed	2
Number of HDDs installed	1
HDD capacity	1 TB
Number of SSDs installed	1
SSD capacity	128 GB

Graphics	
Discrete graphics card *	✔
On-board graphics card *	✔
Discrete graphics card model *	NVIDIA® GeForce® GTX 1050
Discrete graphics card memory	2 GB
Discrete graphics memory type	GDDR5
Number of discrete graphics cards	1
On-board graphics card family	Intel® HD Graphics
On-board graphics card model *	Intel® HD Graphics 630
On-board graphics card base frequency	350 MHz
On-board graphics card dynamic frequency (max)	1000 MHz
Maximum on-board graphics card memory	64 GB
Number of displays supported (on-board graphics)	3
On-board graphics card DirectX version	12.0
On-board graphics card OpenGL version	4.4
On-board graphics card ID	5912

Network	
Ethernet LAN *	✔
Ethernet LAN data rates	10,100,1000 Mbit/s
Cabling technology	10/100/1000Base-T(X)
Wi-Fi *	✘

Ports & interfaces	
USB 2.0 ports quantity *	2
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	6
VGA (D-Sub) ports quantity	1
DVI port	✘

Processor special features	
Intel Trusted Execution Technology	✘
Execute Disable Bit	✔
Intel Enhanced Halt State	✔
Intel Software Guard Extensions (Intel SGX)	✔
Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✔
Processor package size	37.5 x 37.5 mm
Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Processor code	SR32W
Scalability	1S
CPU configuration (max)	1
Thermal solution specification	PCG 2015C
Intel Virtualization Technology for Directed I/O (VT-d)	✔
Intel Identity Protection Technology version	1.00
Intel Stable Image Platform Program (SIPP) version	0.00
Intel Secure Key Technology version	1.00
Intel Virtualization Technology (VT-x)	✔
Intel TSX-NI version	0.00
Processor ARK ID	97147
Intel® Turbo Boost Technology	2.0
Intel® Hyper Threading Technology (Intel® HT Technology)	✘
Intel® Quick Sync Video Technology	✔
Intel® Identity Protection Technology (Intel® IPT)	✔
Conflict-Free processor	✔

Power	
Power supply input voltage	100 - 240 V
Power supply input frequency	50 - 60 Hz

Weight & dimensions	
Width *	145 mm
Depth *	285.2 mm
Height *	366 mm
Weight *	5.8 kg

Packaging content	
Cables included	AC
Manual	✔

Display	
Display included *	✘

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 30-APR-2025. Prints or copies of Information are only valid on the printed Publication date