



**Lenovo IdeaCentre Y910 Intel® Core™ i7 i7-6700 68,6 cm (27")  
2560 x 1440 pixels All-in-One PC 16 GB DDR4-SDRAM 2,26 TB  
HDD+SSD NVIDIA® GeForce® GTX 1080 Windows 10 Home Black**

**Brand :** Lenovo

**Product family:** IdeaCentre

**Product code:** F0CJ001GRK

**Product name :** Y910

Intel Core i7-6700 Processor (8M Cache, up to 4.00 GHz), Intel HD Graphics 530 + NVIDIA GeForce GTX 1080, 16GB RAM, 2000GB HDD + 256GB SSD, 27" QHD (2560 x 1440), Windows 10 Home 64  
Lenovo IdeaCentre Y910. Product type: All-in-One PC. Display diagonal: 68,6 cm (27"), HD type: Quad HD, Display resolution: 2560 x 1440 pixels. Processor family: Intel® Core™ i7, Processor frequency: 3,4 GHz. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 2,26 TB, Storage media: HDD+SSD. Discrete graphics card model: NVIDIA® GeForce® GTX 1080. Built-in camera. Optical drive type: DVD±RW. Operating system installed: Windows 10 Home. Product colour: Black



Display		Network	
Display diagonal *	68,6 cm (27")	Bluetooth *	✓
Display resolution *	2560 x 1440 pixels	Bluetooth version	4.0
Touchscreen *	✗	<b>Ports &amp; interfaces</b>	
HD type *	Quad HD	Ethernet LAN (RJ-45) ports	1
LED backlight	✓	USB 2.0 ports quantity *	2
Native aspect ratio	16:9	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4
Display brightness	300 cd/m²	HDMI ports quantity *	2
Screen shape	Flat	Headphone outputs	1
Processor		Microphone in	✓
Processor manufacturer *	Intel	Combo headphone/mic port	✓
Processor family *	Intel® Core™ i7	<b>Design</b>	
Processor generation	6th gen Intel® Core™ i7	Product colour *	Black
Processor model *	i7-6700	<b>Performance</b>	
Processor cores	4	Product type *	All-in-One PC
Processor threads	8	<b>Software</b>	
Processor boost frequency	4 GHz	Operating system architecture	64-bit
Processor frequency *	3,4 GHz	Operating system installed *	Windows 10 Home
Processor cache	8 MB	<b>Processor special features</b>	
Processor cache type	Smart Cache	Intel® Turbo Boost Technology	2.0
System bus rate	8 GT/s	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
64-bit computing	✓	Intel® Identity Protection Technology (Intel® IPT)	✓
Thermal Design Power (TDP)	65 W	Intel® Small Business Advantage (Intel® SBA)	✓
PCI Express slots version	3.0	Intel® Wireless Display (Intel® WiDi)	✓
Processor socket	LGA 1151 (Socket H4)	Enhanced Intel SpeedStep Technology	✓
Processor lithography	14 nm	Intel® Built-in Visuals Technology	✓
Processor operating modes	64-bit	Intel HD Graphics	✓
Stepping	R0	Intel® Quick Sync Video Technology	✓
Bus type	DMI3	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor codename	Skylake	Intel Clear Video Technology	✓
Processor series	Intel Core i7-6700 Desktop series		
Maximum number of PCI Express lanes	16		
PCI Express configurations	2x8, 1x8+2x4, 1x16		
Processor code	SR2BT		
Tcase	71 °C		
Maximum internal memory supported by processor	64 GB		

Processor		Processor special features	
Conflict-Free processor	✓	Intel® Insider™	✓
Memory types supported by processor	DDR3L-SDRAM, DDR4-SDRAM	Intel® InTru™ 3D Technology	✓
Memory clock speeds supported by processor	1333,1600,1866,2133 MHz	Intel® Smart Cache	✓
Memory bandwidth supported by processor (max)	34,1 GB/s	Intel® AES New Instructions (Intel® AES-NI)	✓
Memory channels supported by processor	Dual	Intel Trusted Execution Technology	✓
ECC supported by processor	✗	Intel Enhanced Halt State	✓
Memory voltage supported by processor	1,35 V	Intel VT-x with Extended Page Tables (EPT)	✓
Memory		Intel® Secure Key	✓
		Intel TSX-NI	✓
		Intel Stable Image Platform Program (SIPP)	✓
		Intel® OS Guard	✓
		Intel Software Guard Extensions (Intel SGX)	✓
		Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
		Intel 64	✓
		Execute Disable Bit	✓
		Idle States	✓
		Thermal Monitoring Technologies	✓
Storage		Processor package size	37.5 x 37.5 mm
		Supported instruction sets	SSE4.1, AVX 2.0, SSE4.2
		Scalability	15
		CPU configuration (max)	1
		Embedded options available	✓
		Graphics & IMC lithography	14 nm
		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	1,00
Graphics		Intel Secure Key Technology version	1,00
		Intel Virtualization Technology (VT-x)	✓
		Intel Small Business Advantage (SBA) version	1,00
		Intel TSX-NI version	1,00
		Processor ARK ID	88196
		Power	
		AC adapter power	380 W
		AC adapter input voltage	100 - 240 V
		Weight & dimensions	
		Width (with stand)	237,6 mm
		Depth (with stand)	615,8 mm
		Height (with stand)	490,2 mm
		Weight (with stand)	12,2 kg
Audio		Certificates	
		Compliance certificates	RoHS
		Sustainability	
		Sustainability certificates	ENERGY STAR
		Packaging content	
		Mouse included	✓
		Keyboard included	✓
Camera			

Network		Other features	
Wi-Fi *	✓	Detachable display	✗
Wi-Fi standards	Wi-Fi 5 (802.11ac)		
Ethernet LAN *	✓		
Ethernet LAN data rates	10,100,1000 Mbit/s		

## Catalog Object Cloud



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