



Lenovo Legion C730 Cube Intel® Core™ i7 i7-8700 16 GB DDR4-SDRAM 1,26 TB HDD+SSD NVIDIA® GeForce® GTX 1060 Windows 10 Home Tower PC Black

Brand : Lenovo

Product family: Legion

Product code: 90JH0001US

Product name : C730 Cube

Intel Core i7-8700 (12MB Cache, 3.2GHz), 16GB DDR4-SDRAM, 1000GB HDD, 256GB SSD, Intel UHD Graphics 630, NVIDIA GeForce GTX 1060, LAN, WLAN, Bluetooth, Windows 10 Home 64-bit
Lenovo Legion C730 Cube. Processor frequency: 3,2 GHz, Processor family: Intel® Core™ i7, Processor model: i7-8700. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM, Memory clock speed: 2666 MHz. Total storage capacity: 1,26 TB, Storage media: HDD+SSD. On-board graphics card model: Intel® UHD Graphics 630, Discrete graphics card model: NVIDIA® GeForce® GTX 1060. Operating system installed: Windows 10 Home, Operating system architecture: 64-bit. Chassis type: Tower. Product type: PC. Product colour: Black



Processor		Ports & interfaces	
Processor manufacturer *	Intel	Ethernet LAN (RJ-45) ports	1
Processor family *	Intel® Core™ i7	Microphone in	✓
Processor generation	8th gen Intel® Core™ i7	Headphone outputs	1
Processor model *	i7-8700	Combo headphone/mic port	✓
Processor cores	6	Design	
Processor threads	12	Chassis type *	Tower
Processor boost frequency	4,6 GHz	Volume	19 L
Processor frequency *	3,2 GHz	Placement supported	Vertical
Processor socket	LGA 1151 (Socket H4)	Product colour *	Black
Processor cache	12 MB	Housing material	Metal
Processor cache type	Smart Cache	Performance	
System bus rate	8 GT/s	Market positioning	Gaming
Bus type	DMI3	Motherboard chipset	Intel® Z370
Processor lithography	14 nm	Audio chip	Realtek ALC233
Processor operating modes	64-bit	Audio system	High Definition Audio
Processor series	Intel Core i7-8700 Desktop Series	Password protection	✓
Processor codename	Coffee Lake	Product type *	PC
Thermal Design Power (TDP)	65 W	Software	
Tjunction	100 °C	Operating system architecture	64-bit
PCI Express slots version	3.0	Operating system installed *	Windows 10 Home
Maximum number of PCI Express lanes	16	Processor special features	
PCI Express configurations	1x16, 1x8+2x4, 2x8	Intel 64	✓
Number of processors installed	1	Enhanced Intel SpeedStep Technology	✓
Maximum internal memory supported by processor	64 GB	Embedded options available	✓
Memory types supported by processor	DDR4-SDRAM	Intel® InTru™ 3D Technology	✓
Memory clock speeds supported by processor	2666 MHz	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Memory bandwidth supported by processor (max)	41,6 GB/s	Intel Clear Video Technology	✓
ECC supported by processor	✗	Intel VT-x with Extended Page Tables (EPT)	✓
Memory		Intel TSX-NI	✓
Internal memory *	16 GB	Idle States	✓
Maximum internal memory *	32 GB		

Memory		Processor special features	
Internal memory type	DDR4-SDRAM	Thermal Monitoring Technologies	✓
Memory slots	2x DIMM	Intel Stable Image Platform Program (SIPP)	✓
Memory clock speed	2666 MHz	Intel® AES New Instructions (Intel® AES-NI)	✓
Memory channels	Dual-channel	Intel® Secure Key	✓
Storage		Intel® OS Guard	✓
Total storage capacity *	1,26 TB	Intel Trusted Execution Technology	✓
Storage media *	HDD+SSD	Execute Disable Bit	✓
Optical drive type *	✗	Intel Enhanced Halt State	✓
Number of storage drives installed	2	Intel Software Guard Extensions (Intel SGX)	✓
Number of HDDs installed	1	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
HDD capacity	1 TB	Processor package size	37.5 x 37.5 mm
HDD interface	SATA III	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
HDD speed	7200 RPM	Processor code	SR3QS
HDD size	3.5"	Scalability	1S
Number of SSDs installed	1	CPU configuration (max)	1
SSD capacity	256 GB	Thermal solution specification	PCG 2015C
Card reader integrated	✗	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Graphics		Intel Identity Protection Technology version	1,00
Discrete graphics card *	✓	Intel Stable Image Platform Program (SIPP) version	1,00
On-board graphics card *	✓	Intel Secure Key Technology version	1,00
Discrete graphics card model *	NVIDIA® GeForce® GTX 1060	Intel Virtualization Technology (VT-x)	✓
Number of discrete graphics cards	1	Intel TSX-NI version	1,00
On-board graphics card family	Intel® UHD Graphics	Processor ARK ID	126686
On-board graphics card model *	Intel® UHD Graphics 630	Intel® Turbo Boost Technology	2.0
On-board graphics card base frequency	350 MHz	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
On-board graphics card dynamic frequency (max)	1200 MHz	Intel® Quick Sync Video Technology	✓
Maximum on-board graphics card memory	64 GB	Intel® Identity Protection Technology (Intel® IPT)	✓
Number of displays supported (on-board graphics)	3	Conflict-Free processor	✓
On-board graphics card DirectX version	12.0	Certificates	
On-board graphics card OpenGL version	4.5	Compliance certificates	RoHS
On-board graphics card ID	0x3E92	Sustainability	
Number of execution units	24	Sustainability certificates	ENERGY STAR
Network		Weight & dimensions	
Ethernet LAN *	✓	Width *	238 mm
Ethernet LAN data rates	10,100,1000 Mbit/s	Depth *	358 mm
Cabling technology	10/100/1000Base-T(X)	Height *	305 mm
Wi-Fi *	✓	Weight *	11 kg
Top Wi-Fi standard	Wi-Fi 5 (802.11ac)	Packaging content	
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)	Mouse included	✓
Antenna type	2x2	Keyboard included	✓
Bluetooth	✓	Manual	✓
Ports & interfaces		Other features	
USB 2.0 ports quantity *	2	LightScribe	✗
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4		
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2		

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