



Lenovo Legion Y730 (17") Intel® Core™ i5 i5-8300H Laptop 43,9 cm (17.3") Full HD 8 GB DDR4-SDRAM 1,26 TB HDD+SSD NVIDIA® GeForce® GTX 1050 Ti Wi-Fi 5 (802.11ac) Windows 10 Home Black



Brand : Lenovo

Product family: Legion

Product code: 81HG003GRU

Product name : Legion Y730 (17")

Intel Core i5-8300H (8MB Cache, 2.3GHz), 8GB DDR4-SDRAM, 1000GB HDD, 256GB SSD, 43.9 cm (17.3") Full HD 1920 x 1080 IPS, Intel UHD Graphics 630, NVIDIA GeForce GTX 1050 Ti, LAN, WLAN, Bluetooth, Webcam, Windows 10 Home 64-bit

Lenovo Legion Y730 (17"). Product type: Laptop, Form factor: Clamshell. Processor type: Intel® Core™ i5, Processor: i5-8300H, Processor frequency: 2,3 GHz. Display diagonal: 43,9 cm (17.3"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 8 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 1,26 TB, Storage media: HDD+SSD. On-board graphics card model: Intel® UHD Graphics 630. Operating system software: Windows 10 Home. Product colour: Black

Design		Ports & interfaces	
Product type *	Laptop	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Product colour *	Black	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Form factor *	Clamshell	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Housing material	Aluminium	Ethernet LAN (RJ-45) ports	1
Display		HDMI ports quantity *	1
Display diagonal *	43,9 cm (17.3")	HDMI version	2.0
Display resolution *	1920 x 1080 pixels	Mini DisplayPorts quantity	1
Touchscreen *	✗	Combo headphone/mic port	✓
HD type	Full HD	Performance	
Panel type	IPS	Chipset	Intel® HM370
LED backlight	✓	Keyboard	
Native aspect ratio	16:9	Pointing device	Touchpad
Display brightness	300 cd/m²	Numeric keypad *	✓
Dual-screen	✗	Keyboard backlit	✓
Processor		Windows keys	✓
Processor manufacturer *	Intel	Software	
Processor type *	Intel® Core™ i5	Operating system architecture	64-bit
Processor generation	8th gen Intel® Core™ i5	Operating system software *	Windows 10 Home
Processor *	i5-8300H	Processor special features	
Processor number of cores	4	Intel My WiFi Technology	✓
Processor threads	8	Intel Identity Protection Technology	✓
Processor boost frequency	4 GHz	Intel Hyper-Threading Technology	✓
Processor frequency *	2,3 GHz	Intel Turbo Boost Technology	2.0
System bus data transfer rate	8 GT/s	Enhanced Intel SpeedStep Technology	✓
Processor cache	8 MB	Intel Clear Video HD Technology	✓
Processor cache type	Smart Cache	Intel Clear Video Technology	✓
Processor socket	BGA 1440	Intel® InTru™ 3D Technology	✓
Processor lithography	14 nm	Intel® Quick Sync Video Technology	✓
Processor operating modes	64-bit	Intel Flex Memory Access	✓
Processor codename	Coffee Lake	Intel AES New Instructions	✓
Bus type	DMI	Intel Trusted Execution Technology	✗
Thermal Design Power (TDP)	45 W	Intel Enhanced Halt State	✓
Configurable TDP-down	35 W		
Configurable TDP-down frequency	1,8 GHz		
Tjunction	100 °C		
Maximum number of PCI Express lanes	16		
PCI Express slots version	3.0		

Processor		Processor special features	
PCI Express configurations	1x16, 1x8+2x4, 2x8	Intel VT-x with Extended Page Tables (EPT)	✓
ECC supported by processor	✗	Intel® Secure Key	✓
Memory		Intel TSX-NI	✗
Internal memory *	8 GB	Intel Stable Image Platform Program (SIPP)	✗
Internal memory type	DDR4-SDRAM	Intel® OS Guard	✓
Memory form factor	SO-DIMM	Intel Software Guard Extensions (Intel SGX)	✓
Memory slots	2x SO-DIMM	Intel Clear Video Technology for MID	✓
Maximum memory *	32 GB	Intel 64	✓
Storage		Execute Disable Bit	✓
Total storage capacity *	1,26 TB	Idle States	✓
Storage media *	HDD+SSD	Thermal Monitoring Technologies	✓
Total HDDs capacity	1 TB	Processor package size	42 x 28 mm
Number of HDDs installed	1	CPU configuration (max)	1
Hard drive capacity	1 TB	Embedded options available	✗
Hard drive interface	SATA III	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Hard drive size	2.5"	Intel Identity Protection Technology version	1,00
Total SSDs capacity	256 GB	Intel Stable Image Platform Program (SIPP) version	0,00
Number of SSDs installed	1	Intel Secure Key Technology version	1,00
Solid-state drive capacity	256 GB	Intel TSX-NI version	0,00
Optical drives *	✗	Intel Virtualization Technology (VT-x)	✓
Card reader integrated	✗	Processor ARK ID	134876
Graphics		Battery	
Discrete graphics card model *	NVIDIA® GeForce® GTX 1050 Ti	Battery capacity *	76 Wh
On-board graphics card *	✓	Battery life (max)	6 h
Discrete graphics card *	✓	Power	
On-board graphics card family	Intel® UHD Graphics	AC adapter power	135 W
On-board graphics card model *	Intel® UHD Graphics 630	AC adapter frequency	50 - 60 Hz
On-board graphics card base frequency	350 MHz	AC adapter input voltage	100 - 240 V
On-board graphics card dynamic frequency (max)	1000 MHz	DC-in jack	✓
Maximum on-board graphics card memory	64 GB	Security	
On-board graphics card DirectX version	12.0	Cable lock slot	✓
On-board graphics card OpenGL version	4.5	Password protection	✓
On-board graphics card ID	0x3E9B	Password protection type	HDD, Power on, Supervisor
Number of discrete graphics cards installed	1	Certificates	
Audio		Compliance certificates	RoHS
Audio chip	Realtek ALC3268	Sustainability	
Number of built-in speakers	2	Sustainability certificates	ENERGY STAR
Speaker power	2 W	Weight & dimensions	
Built-in subwoofer	✗	Width	412,6 mm
Built-in microphone	✓	Depth	304,9 mm
Number of microphones	2	Height (front)	2,19 cm
Camera		Height (rear)	2,4 cm
Front camera	✓	Weight *	2,9 kg
Front camera resolution (numeric)	1 MP	Packaging content	
Front camera signal format	720p	AC adapter included *	✓
Front camera HD type	HD	Manual	✓
Network		Warranty card	✓
Wi-Fi	✓	Power cord included	✓
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)		
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)		
Antenna type	2x2		

Network		Other features	
Ethernet LAN connection	✓	LightScribe	✗
Ethernet LAN data rates	10,100,1000 Mbit/s	3D compatibility	✗
Bluetooth	✓		
Bluetooth version	4.1		
WWAN	Not installed		



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