



Lenovo Legion Y740-15IRHg Intel® Core™ i7 i7-9750H Laptop 39.6 cm (15.6") Full HD 16 GB DDR4-SDRAM 1.51 TB HDD+SSD NVIDIA® GeForce RTX™ 2070 Max-Q Wi-Fi 5 (802.11ac) Windows 10 Pro Grey



Brand : Lenovo

Product family: Legion

Product code: 81UH000GUS

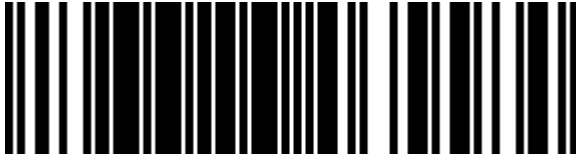
Product name : Legion Y740-15IRHg

- Windows 10 Pro 64-bit
- Intel Core i7-9750H (12MB Cache, 2.6GHz)
- 39.6 cm (15.6") Full HD 1920 x 1080 IPS, NVIDIA GeForce RTX 2070 Max-Q (8GB)
- 16GB (2666MHz) DDR4-SDRAM & 1000GB HDD, 512GB SSD
- Intel Core i7-9750H (12MB Cache, 2.6GHz), 16GB DDR4-SDRAM, 1000GB HDD, 512GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080 IPS, Intel UHD Graphics 630, NVIDIA GeForce RTX 2070 Max-Q (8GB), LAN, WLAN, Bluetooth, Webcam, Windows 10 Pro 64-bit
- Lenovo Legion Y740-15IRHg. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-9750H, Processor frequency: 2.6 GHz. Display diagonal: 39.6 cm (15.6"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 1.51 TB, Storage media: HDD+SSD. On-board graphics card model: Intel® UHD Graphics 630. Operating system installed: Windows 10 Pro. Product colour: Grey

Design		Network	
Product type *	Laptop	Bluetooth version	5.0
Product colour *	Grey	WWAN	Not installed
Form factor *	Clamshell	Ports & interfaces	
Housing material	Aluminium	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Market positioning	Gaming	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Display		USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Display diagonal *	39.6 cm (15.6")	Ethernet LAN (RJ-45) ports	1
Display resolution *	1920 x 1080 pixels	HDMI ports quantity *	1
Touchscreen *	✗	HDMI version	2.0
HD type	Full HD	Mini DisplayPorts quantity	1
Panel type	IPS	Combo headphone/mic port	✓
LED backlight	✓	USB Sleep-and-Charge	✓
Native aspect ratio	16:9	USB Sleep-and-Charge ports	1
Dual-screen	✗	Keyboard	
Maximum refresh rate	144 Hz	Pointing device	Touchpad
Processor		Numeric keypad *	✗
Processor manufacturer *	Intel	Keyboard backlight	✓
Processor family *	Intel® Core™ i7	Keyboard backlight colour	Various
Processor generation	9th gen Intel® Core™ i7	Windows keys	✓
Processor model *	i7-9750H	Software	
Processor cores	6	Operating system architecture	64-bit
Processor threads	12	Operating system installed *	Windows 10 Pro
Processor boost frequency	4.5 GHz	Processor special features	
Processor frequency *	2.6 GHz	Intel® My WiFi Technology (Intel® MWT)	✓
System bus rate	8 GT/s	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor cache	12 MB	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor cache type	Smart Cache	Intel® Turbo Boost Technology	2.0
Processor socket	BGA 1440		
Processor lithography	14 nm		
Processor operating modes	64-bit		
Processor codename	Coffee Lake		
Thermal Design Power (TDP)	45 W		
Configurable TDP-down	35 W		
Tjunction	100 °C		

Processor		Processor special features	
Maximum number of PCI Express lanes	16	Enhanced Intel SpeedStep Technology	✓
PCI Express slots version	3.0	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
PCI Express configurations	1x16, 2x8, 1x8+2x4	Intel Clear Video Technology	✓
Memory		Intel® InTru™ 3D Technology	✓
Internal memory *	16 GB	Intel® Quick Sync Video Technology	✓
Internal memory type	DDR4-SDRAM	Intel Flex Memory Access	✓
Memory clock speed	2666 MHz	Intel® AES New Instructions (Intel® AES-NI)	✓
Memory form factor	SO-DIMM	Intel Trusted Execution Technology	✗
Memory slots	2x SO-DIMM	Intel VT-x with Extended Page Tables (EPT)	✓
Maximum internal memory *	32 GB	Intel® Secure Key	✓
Storage		Intel TSX-NI	✗
Total storage capacity *	1.51 TB	Intel Stable Image Platform Program (SIPP)	✗
Storage media *	HDD+SSD	Intel® OS Guard	✓
Total HDDs capacity	1 TB	Intel Software Guard Extensions (Intel SGX)	✓
Number of HDDs installed	1	Intel 64	✓
HDD capacity	1 TB	Execute Disable Bit	✓
HDD interface	SATA III	Idle States	✓
HDD size	2.5"	Thermal Monitoring Technologies	✓
Total SSDs capacity	512 GB	Processor package size	42 x 28 mm
Number of SSDs installed	1	Supported instruction sets	SSE4.1, SSE4.2, AVX 2.0
SSD capacity	512 GB	CPU configuration (max)	1
Optical drive type *	✗	Embedded options available	✗
Card reader integrated	✗	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Graphics		Intel Virtualization Technology (VT-x)	✓
Discrete graphics card model *	NVIDIA® GeForce RTX™ 2070 Max-Q	Processor ARK ID	191045
Discrete graphics card memory	8 GB	Battery	
On-board graphics card *	✓	Battery technology	Lithium Polymer (LiPo)
Discrete graphics card *	✓	Battery capacity *	57 Wh
On-board graphics card family	Intel® UHD Graphics	Battery life (max)	5 h
On-board graphics card model *	Intel® UHD Graphics 630	Power	
On-board graphics card base frequency	350 MHz	AC adapter power	230 W
On-board graphics card dynamic frequency (max)	1150 MHz	AC adapter frequency	50 - 60 Hz
Maximum on-board graphics card memory	64 GB	AC adapter input voltage	100 - 240 V
On-board graphics card DirectX version	12.0	DC-in jack	✓
On-board graphics card OpenGL version	4.5	Security	
On-board graphics card ID	0x3E9B	Cable lock slot	✓
Number of discrete graphics cards installed	1	Fingerprint reader	✗
NVIDIA Max-Q	✓	Trusted Platform Module (TPM)	✗
Audio		Password protection	✓
Audio chip	Realtek ALC3286	Password protection type	HDD, Power on, Supervisor
Number of built-in speakers	2	Certificates	
Speaker power	2 W	Compliance certificates	RoHS
Built-in microphone	✓	Certification	ErP lot3
Audio decoders	Dolby Atmos	Weight & dimensions	
Camera		Width	361 mm
Front camera	✓	Depth	265 mm
Front camera resolution (numeric)	1 MP	Height (front)	2 cm
Front camera signal format	720p	Height (rear)	2.38 cm
Front camera HD type	HD	Weight *	2.2 kg

Optical drive		Packaging content	
LightScribe	✗	AC adapter included *	✓
Network		Manual	✓
Wi-Fi	✓	Warranty card	✓
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)	Power cord included	✓
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)	Other features	
Mobile network connection *	✗	3D	✗
Antenna type	2x2	Maximum internal memory (64-bit)	32 GB
WLAN controller model	Killer Wireless-AC 1550i		
Ethernet LAN	✓		
Ethernet LAN data rates	10,100,1000 Mbit/s		
Bluetooth	✓		



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