



# Lenovo Legion Y530-15ICH Intel® Core™ i7 i7-8750H Laptop 39.6 cm (15.6") Full HD 8 GB DDR4-SDRAM 1 TB HDD NVIDIA® GeForce® GTX 1050 Wi-Fi 5 (802.11ac) Windows 10 Home Black



**Brand :** Lenovo

**Product family:** Legion

**Product code:** 81FV0016US

**Product name :** Legion Y530-15ICH

Intel Core i7-8750H (9MB Cache, 2.2GHz), 8GB DDR4-SDRAM, 1000GB HDD, 39.6 cm (15.6") Full HD 1920 x 1080, Intel UHD Graphics 630, NVIDIA GeForce GTX 1050, LAN, WLAN, Bluetooth, Webcam, Windows 10 Home 64-bit

Lenovo Legion Y530-15ICH. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-8750H, Processor frequency: 2.2 GHz. Display diagonal: 39.6 cm (15.6"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 8 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 1 TB, Storage media: HDD. On-board graphics card model: Intel® UHD Graphics 630. Operating system installed: Windows 10 Home. Product colour: Black

Design		Ports & interfaces	
Product type *	Laptop	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Product colour *	Black	Ethernet LAN (RJ-45) ports	1
Form factor *	Clamshell	HDMI ports quantity *	1
<b>Display</b>		HDMI version	2.0
Display diagonal *	39.6 cm (15.6")	Mini DisplayPorts quantity	1
Display resolution *	1920 x 1080 pixels	Headphone outputs	1
Touchscreen *	✗	Microphone in	✗
HD type	Full HD	Combo headphone/mic port	✓
Panel type	IPS	<b>Keyboard</b>	
LED backlight	✓	Numeric keypad *	✓
Native aspect ratio	16:9	Keyboard backlit	✓
Dual-screen	✗	Windows keys	✓
<b>Processor</b>		<b>Software</b>	
Processor manufacturer *	Intel	Operating system architecture	64-bit
Processor family *	Intel® Core™ i7	Operating system installed *	Windows 10 Home
Processor generation	8th gen Intel® Core™ i7	<b>Processor special features</b>	
Processor model *	i7-8750H	Intel® My WiFi Technology (Intel® MWT)	✓
Processor cores	6	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor threads	12	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor boost frequency	4.1 GHz	Intel® Turbo Boost Technology	2.0
Processor frequency *	2.2 GHz	Enhanced Intel SpeedStep Technology	✓
System bus rate	8 GT/s	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor cache	9 MB	Intel Clear Video Technology	✓
Processor cache type	Smart Cache	Intel® InTru™ 3D Technology	✓
Processor socket	BGA 1440	Intel® Quick Sync Video Technology	✓
Processor lithography	14 nm	Intel Flex Memory Access	✓
Processor operating modes	64-bit	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor codename	Coffee Lake		
Bus type	DMI		
Stepping	U0		
Thermal Design Power (TDP)	45 W		
Configurable TDP-down	35 W		
Configurable TDP-down frequency	1.7 GHz		
Tjunction	100 °C		

Processor		Processor special features	
Maximum number of PCI Express lanes	16	Intel Trusted Execution Technology	✗
PCI Express slots version	3.0	Intel Enhanced Halt State	✓
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 clock speed	2666 MHz	Intel Software Guard Extensions (Intel SGX)	✓
Memory form factor	SO-DIMM	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Memory slots	2x SO-DIMM	Intel 64	✓
Maximum internal memory *	16 GB	Execute Disable Bit	✓
Storage		Idle States	✓
Total storage capacity *	1 TB	Thermal Monitoring Technologies	✓
Storage media *	HDD	Processor package size	42 x 28 mm
Number of HDDs installed	1	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
HDD capacity	1 TB	Processor code	SR3YY
HDD interface	SATA III	CPU configuration (max)	1
HDD speed	5400 RPM	Embedded options available	✗
HDD size	2.5"	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Optical drive type *	✗	Intel Identity Protection Technology version	1.00
Card reader integrated	✗	Intel Stable Image Platform Program (SIPP) version	0.00
Graphics		Intel Secure Key Technology version	1.00
Discrete graphics card model *	NVIDIA® GeForce® GTX 1050	Intel TSX-NI version	0.00
On-board graphics card *	✓	Intel Virtualization Technology (VT-x)	✓
Discrete graphics card *	✓	Processor ARK ID	134906
On-board graphics card model *	Intel® UHD Graphics 630	Battery	
On-board graphics card base frequency	350 MHz	Battery technology	Lithium-Ion (Li-Ion)
On-board graphics card dynamic frequency (max)	1100 MHz	Power	
Maximum on-board graphics card memory	64 GB	DC-in jack	✓
On-board graphics card DirectX version	12.0	Security	
On-board graphics card OpenGL version	4.5	Cable lock slot	✓
On-board graphics card ID	0x3E9B	Cable lock slot type	Kensington
Number of discrete graphics cards installed	1	Password protection	✓
		Password protection type	HDD, Power on, Supervisor
Audio		Certificates	
Number of built-in speakers	2	Compliance certificates	RoHS
Speaker power	2 W	Sustainability	
Built-in microphone	✓	Sustainability certificates	ENERGY STAR
Camera		Weight & dimensions	
Front camera	✓	Width	360 mm
Front camera resolution (numeric)	1 MP	Depth	267 mm
Front camera signal format	720p	Height (front)	2.39 cm
Front camera HD type	HD	Height (rear)	2.49 cm
		Weight *	2.3 kg
Network		Packaging content	
Wi-Fi	✓	AC adapter included *	✓
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)	Manual	✓
Wi-Fi standards	Wi-Fi 5 (802.11ac)	Warranty card	✓
Ethernet LAN	✓		
Ethernet LAN data rates	10,100,1000 Mbit/s		
Bluetooth	✓		
Bluetooth version	4.1		

**Ports & interfaces**

USB 3.2 Gen 1 (3.1 Gen 1) Type-A  
ports quantity \* 3

**Packaging content**

Power cord included ✓

## Catalog Object Cloud



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