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	
Product type *	Laptop
Product colour *	Black
Form factor *	Clamshell

Display	
Display diagonal *	39.6 cm (15.6")
Display resolution *	1920 x 1080 pixels
Touchscreen *	✗
HD type	Full HD
Panel type	IPS
LED backlight	✓
Native aspect ratio	16:9
Dual-screen	✗

Processor	
Processor manufacturer *	Intel
Processor family *	Intel® Core™ i7
Processor generation	8th gen Intel® Core™ i7
Processor model *	i7-8750H
Processor cores	6
Processor threads	12
Processor boost frequency	4.1 GHz
Processor frequency *	2.2 GHz
System bus rate	8 GT/s
Processor cache	9 MB
Processor cache type	Smart Cache
Processor socket	BGA 1440
Processor lithography	14 nm
Processor operating modes	64-bit
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

Ports & interfaces	
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1
HDMI version	2.0
Mini DisplayPorts quantity	1
Headphone outputs	1
Microphone in	✗
Combo headphone/mic port	✓

Keyboard	
Numeric keypad *	✓
Keyboard backlit	✓
Windows keys	✓

Software	
Operating system architecture	64-bit
Operating system installed *	Windows 10 Home

Processor special features	
Intel® My WiFi Technology (Intel® MWT)	✓
Intel® Identity Protection Technology (Intel® IPT)	✓
Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Intel® Turbo Boost Technology	2.0
Enhanced Intel SpeedStep Technology	✓
Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Intel Clear Video Technology	✓
Intel® InTru™ 3D Technology	✓
Intel® Quick Sync Video Technology	✓
Intel Flex Memory Access	✓
Intel® AES New Instructions (Intel® AES-NI)	✓

Processor	
Maximum number of PCI Express lanes	16
PCI Express slots version	3.0
PCI Express configurations	1x16, 1x8+2x4, 2x8
ECC supported by processor	✗

Memory	
Internal memory *	8 GB
Internal memory type	DDR4-SDRAM
Memory clock speed	2666 MHz
Memory form factor	SO-DIMM
Memory slots	2x SO-DIMM
Maximum internal memory *	16 GB

Storage	
Total storage capacity *	1 TB
Storage media *	HDD
Number of HDDs installed	1
HDD capacity	1 TB
HDD interface	SATA III
HDD speed	5400 RPM
HDD size	2.5"
Optical drive type *	✗
Card reader integrated	✗

Graphics	
Discrete graphics card model *	NVIDIA® GeForce® GTX 1050
On-board graphics card *	✓
Discrete graphics card *	✓
On-board graphics card model *	Intel® UHD Graphics 630
On-board graphics card base frequency	350 MHz
On-board graphics card dynamic frequency (max)	1100 MHz
Maximum on-board graphics card memory	64 GB
On-board graphics card DirectX version	12.0
On-board graphics card OpenGL version	4.5
On-board graphics card ID	0x3E9B
Number of discrete graphics cards installed	1

Audio	
Number of built-in speakers	2
Speaker power	2 W
Built-in microphone	✓

Camera	
Front camera	✓
Front camera resolution (numeric)	1 MP
Front camera signal format	720p
Front camera HD type	HD

Network	
Wi-Fi	✓
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)
Wi-Fi standards	Wi-Fi 5 (802.11ac)
Ethernet LAN	✓
Ethernet LAN data rates	10,100,1000 Mbit/s
Bluetooth	✓
Bluetooth version	4.1

Processor special features	
Intel Trusted Execution Technology	✗
Intel Enhanced Halt State	✓
Intel VT-x with Extended Page Tables (EPT)	✓
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	✓
Processor package size	42 x 28 mm
Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Processor code	SR3YY
CPU configuration (max)	1
Embedded options available	✗
Intel Virtualization Technology for Directed I/O (VT-d)	✓
Intel Identity Protection Technology version	1.00
Intel Stable Image Platform Program (SIPP) version	0.00
Intel Secure Key Technology version	1.00
Intel TSX-NI version	0.00
Intel Virtualization Technology (VT-x)	✓
Processor ARK ID	134906

Battery	
Battery technology	Lithium-Ion (Li-Ion)

Power	
DC-in jack	✓

Security	
Cable lock slot	✓
Cable lock slot type	Kensington
Password protection	✓
Password protection type	HDD, Power on, Supervisor

Certificates	
Compliance certificates	RoHS

Sustainability	
Sustainability certificates	ENERGY STAR

Weight & dimensions	
Width	360 mm
Depth	267 mm
Height (front)	2.39 cm
Height (rear)	2.49 cm
Weight *	2.3 kg

Packaging content	
AC adapter included *	✓
Manual	✓
Warranty card	✓

Ports & interfaces		Packaging content	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Power cord included	✔

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