



Lenovo Legion Y520T-25IKL Intel® Core™ i5 i5-7400 8 GB DDR4-SDRAM 1 TB Hybrid-HDD NVIDIA® GeForce® GTX 1050 Ti Windows 10 Home Tower PC □□□□□

Brand : Lenovo

Product code: 90H7000TIX

Product name : Legion Y520T-25IKL



Processor		Ports & interfaces	
Processor manufacturer *	Intel	Line-in	✓
Processor family *	Intel® Core™ i5	Expansion slots	
Processor generation	7th gen Intel® Core™ i5	PCI Express x16 slots	1
Processor model *	i5-7400	Design	
Processor cores	4	Chassis type *	Tower
Processor threads	4	Placement supported	Vertical
Processor boost frequency	3.5 GHz	Number of 3.5" bays	2
Processor frequency *	3 GHz	Number of 5.25" bays	1
Processor socket	LGA 1151 (Socket H4)	Product colour *	Black
Processor cache	6 MB	Performance	
Processor cache type	Smart Cache	Motherboard chipset	Intel® B250
System bus rate	8 GT/s	Password protection	✓
Bus type	DMI3	Password protection type	HDD, Power on
Processor lithography	14 nm	Product type *	PC
Processor operating modes	64-bit	Software	
Processor series	Intel Core i5-7400 Desktop Series	Operating system installed *	Windows 10 Home
Processor codename	Kaby Lake	Operating system architecture	64-bit
Thermal Design Power (TDP)	65 W	Drivers included	✓
Tjunction	100 °C	Trial software	McAfee
PCI Express slots version	3.0	Processor special features	
Maximum number of PCI Express lanes	16	Intel 64	✓
PCI Express configurations	1x16, 1x8+2x4, 2x8		
Number of processors installed	1		

Processor		Processor special features	
Stepping	B0	Enhanced Intel SpeedStep Technology	✓
Maximum internal memory supported by processor	64 GB	Embedded options available	✗
Memory types supported by processor	DDR3L-SDRAM, DDR4-SDRAM	Intel® InTru™ 3D Technology	✓
Memory clock speeds supported by processor	1333,1600,2133,2400 MHz	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
ECC supported by processor	✗	Intel Clear Video Technology	✓
Memory voltage supported by processor	1.35 V	Intel VT-x with Extended Page Tables (EPT)	✓
Memory		Intel TSX-NI	✗
Internal memory *	8 GB	Idle States	✓
Maximum internal memory *	16 GB	Thermal Monitoring Technologies	✓
Internal memory type	DDR4-SDRAM	Intel Stable Image Platform Program (SIPP)	✗
Memory layout (slots x size)	1 x 8 GB	Intel® AES New Instructions (Intel® AES-NI)	✓
Memory slots	2x DIMM	Intel® Secure Key	✓
Memory clock speed	2400 MHz	Intel® OS Guard	✓
Memory channels	Dual-channel	Intel Trusted Execution Technology	✗
Storage		Execute Disable Bit	✓
Total storage capacity *	1 TB	Intel Enhanced Halt State	✓
Storage media *	Hybrid-HDD	Intel Software Guard Extensions (Intel SGX)	✓
Optical drive type *	DVD±RW	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Hybrid-HDD capacity	1 TB	Processor package size	37.5 x 37.5 mm
Hybrid-HDD cache memory	16 GB	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Card reader integrated	✗	Processor code	SR32W
Graphics		Scalability	1S
Discrete graphics card *	✓	CPU configuration (max)	1
On-board graphics card *	✓	Thermal solution specification	PCG 2015C
Discrete graphics card model *	NVIDIA® GeForce® GTX 1050 Ti	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Discrete graphics card memory	4 GB	Intel Identity Protection Technology version	1.00
Discrete graphics memory type	GDDR5	Intel Stable Image Platform Program (SIPP) version	0.00
On-board graphics card family	Intel® HD Graphics	Intel Secure Key Technology version	1.00
On-board graphics card model *	Intel® HD Graphics 630	Intel Virtualization Technology (VT-x)	✓
On-board graphics card base frequency	350 MHz	Intel TSX-NI version	0.00
On-board graphics card dynamic frequency (max)	1000 MHz	Processor ARK ID	97147
Maximum on-board graphics card memory	64 GB	Intel® Turbo Boost Technology	2.0
Number of displays supported (on-board graphics)	3	Intel® Hyper Threading Technology (Intel® HT Technology)	✗
On-board graphics card DirectX version	12.0	Intel® Quick Sync Video Technology	✓
On-board graphics card OpenGL version	4.4	Intel® Identity Protection Technology (Intel® IPT)	✓
On-board graphics card ID	5912	Conflict-Free processor	✓
Graphics card HDMI ports quantity	1	Power	
Graphics card DisplayPorts quantity	1	Power supply *	280 W
Graphics card DVI ports quantity	1	Power supply input voltage	100 - 240 V
Network		Power supply input frequency	50 - 60 Hz
Ethernet LAN *	✓	Certificates	
Ethernet LAN data rates	10,100,1000 Mbit/s	Compliance certificates	RoHS
Cabling technology	10/100/1000Base-T(X)	Sustainability	
Wi-Fi *	✓	Sustainability certificates	ENERGY STAR
Top Wi-Fi standard	Wi-Fi 5 (802.11ac)	Weight & dimensions	
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)	Width *	182 mm
Bluetooth	✓		
Bluetooth version	4.1		

Ports & interfaces		Weight & dimensions	
USB 2.0 ports quantity *	2	Depth *	467.8 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Height *	402.4 mm
DVI port	✗	Weight *	8.71 kg
HDMI ports quantity *	1	Packaging content	
Ethernet LAN (RJ-45) ports	1	Mouse included	✓
Microphone in	✓	Keyboard included	✓
Headphone outputs	1	Cables included	AC
Line-out	✓	Manual	✓
		Display	
		Display included *	✗
		Other features	
		Optical drives quantity	1



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