Lenovo

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 name : Legion Y520T-25IKL

Product code: 90H7000TIX

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i5
Processor generation	7th gen Intel® Core™ i5
Processor model *	i5-7400
Processor cores	4
Processor threads	4
Processor boost frequency	3.5 GHz
Processor frequency *	3 GHz
Processor socket	LGA 1151 (Socket H4)
Processor cache	6 MB
Processor cache type	Smart Cache
System bus rate	8 GT/s
Bus type	DMI3
Processor lithography	14 nm
Processor operating modes	64-bit
Processor series	Intel Core i5-7400 Desktop Series
Processor codename	Kaby Lake
Thermal Design Power (TDP)	65 W
Tjunction	100 °C
PCI Express slots version	3.0
Maximum number of PCI Express lanes	16
PCI Express configurations	1x16, 1x8+2x4, 2x8
Number of processors installed	1

Ports & interfaces

Line-in	✔

Expansion slots

PCI Express x16 slots	1

Design

Chassis type *	Tower
Placement supported	Vertical
Number of 3.5" bays	2
Number of 5.25" bays	1
Product colour *	Black

Performance

Motherboard chipset	Intel® B250
Password protection	✔
Password protection type	HDD, Power on
Product type *	PC

Software

Operating system installed *	Windows 10 Home
Operating system architecture	64-bit
Drivers included	✔
Trial software	McAfee

Processor special features

Intel 64	✔

Processor

Stepping	B0
Maximum internal memory supported by processor	64 GB
Memory types supported by processor	DDR3L-SDRAM, DDR4-SDRAM
Memory clock speeds supported by processor	1333,1600,2133,2400 MHz
ECC supported by processor	✘
Memory voltage supported by processor	1.35 V

Memory

Internal memory *	8 GB
Maximum internal memory *	16 GB
Internal memory type	DDR4-SDRAM
Memory layout (slots x size)	1 x 8 GB
Memory slots	2x DIMM
Memory clock speed	2400 MHz
Memory channels	Dual-channel

Storage

Total storage capacity *	1 TB
Storage media *	Hybrid-HDD
Optical drive type *	DVD±RW
Hybrid-HDD capacity	1 TB
Hybrid-HDD cache memory	16 GB
Card reader integrated	✘

Graphics

Discrete graphics card *	✔
On-board graphics card *	✔
Discrete graphics card model *	NVIDIA® GeForce® GTX 1050 Ti
Discrete graphics card memory	4 GB
Discrete graphics memory type	GDDR5
On-board graphics card family	Intel® HD Graphics
On-board graphics card model *	Intel® HD Graphics 630
On-board graphics card base frequency	350 MHz
On-board graphics card dynamic frequency (max)	1000 MHz
Maximum on-board graphics card memory	64 GB
Number of displays supported (on-board graphics)	3
On-board graphics card DirectX version	12.0
On-board graphics card OpenGL version	4.4
On-board graphics card ID	5912
Graphics card HDMI ports quantity	1
Graphics card DisplayPorts quantity	1
Graphics card DVI ports quantity	1

Network

Ethernet LAN *	✔
Ethernet LAN data rates	10,100,1000 Mbit/s
Cabling technology	10/100/1000Base-T(X)
Wi-Fi *	✔
Top Wi-Fi standard	Wi-Fi 5 (802.11ac)
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)
Bluetooth	✔
Bluetooth version	4.1

Processor special features

Enhanced Intel SpeedStep Technology	✔
Embedded options available	✘
Intel® InTru™ 3D Technology	✔
Intel® Clear Video HD Technology (Intel® CVT HD)	✔
Intel Clear Video Technology	✔
Intel VT-x with Extended Page Tables (EPT)	✔
Intel TSX-NI	✘
Idle States	✔
Thermal Monitoring Technologies	✔
Intel Stable Image Platform Program (SIPP)	✘
Intel® AES New Instructions (Intel® AES-NI)	✔
Intel® Secure Key	✔
Intel® OS Guard	✔
Intel Trusted Execution Technology	✘
Execute Disable Bit	✔
Intel Enhanced Halt State	✔
Intel Software Guard Extensions (Intel SGX)	✔
Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✔
Processor package size	37.5 x 37.5 mm
Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Processor code	SR32W
Scalability	1S
CPU configuration (max)	1
Thermal solution specification	PCG 2015C
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 Virtualization Technology (VT-x)	✔
Intel TSX-NI version	0.00
Processor ARK ID	97147
Intel® Turbo Boost Technology	2.0
Intel® Hyper Threading Technology (Intel® HT Technology)	✘
Intel® Quick Sync Video Technology	✔
Intel® Identity Protection Technology (Intel® IPT)	✔
Conflict-Free processor	✔

Power

Power supply *	280 W
Power supply input voltage	100 - 240 V
Power supply input frequency	50 - 60 Hz

Certificates

Compliance certificates	RoHS

Sustainability

Sustainability certificates	ENERGY STAR

Weight & dimensions

Width *	182 mm

Ports & interfaces

USB 2.0 ports quantity *	2
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4
DVI port	✘
HDMI ports quantity *	1
Ethernet LAN (RJ-45) ports	1
Microphone in	✔
Headphone outputs	1
Line-out	✔

Weight & dimensions

Depth *	467.8 mm
Height *	402.4 mm
Weight *	8.71 kg

Packaging content

Mouse included	✔
Keyboard included	✔
Cables included	AC
Manual	✔

Display

Display included *	✘

Other features

Optical drives quantity	1

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