Lenovo Legion Y520 Intel® Core™ i5 i5-7400 8 GB DDR4-SDRAM 1,13 TB HDD+SSD NVIDIA® GeForce® GTX 1050 Ti FreeDOS Tower PC Crno

Brand : Lenovo **Product family:** Legion **Product code:** 90H700BPTX

Product name : Y520

Lenovo Legion Y520. Takt procesora: 3 GHz, Porodica procesora: Intel® Core™ i5, Procesor: i5-7400. Interna memorija: 8 GB, Vrsta interne memorije: DDR4-SDRAM. Ukupni prostor za podatke: 1,13 TB, Medijum za skladištenje: HDD+SSD. Model instalirane grafičke kartice: Intel® HD Graphics 630, Diskretna grafička kartica: NVIDIA® GeForce® GTX 1050 Ti. Instalirani operativni sistem: FreeDOS. Tip kućišta: Tower. Tip proizvoda: PC. Težina: 8,71 kg. Boja proizvoda: Crno

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
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

Ports & interfaces	
Headphone outputs	1
Line-out	✓
Line-in	✓
Combo headphone/mic port	✓

Design	
Chassis type *	Tower
Volume	25 L
Placement supported	Vertical
Product colour *	Black

Performance	
Market positioning	Gaming
Motherboard chipset	Intel® B250
Audio system	High Definition Audio
Password protection	✓
Product type *	PC

Software	
Operating system installed *	FreeDOS

Processor special features	
Intel 64	✓
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)	✓

Memory	
Memory slots	2x DIMM
Memory channels	Dual-channel

Storage	
Total storage capacity *	1.13 TB
Storage media *	HDD+SSD
Number of storage drives installed	2
Number of HDDs installed	1
HDD capacity	1 TB
HDD interface	SATA III
HDD speed	7200 RPM
HDD size	3.5"
Number of SSDs installed	1
SSD capacity	128 GB
Card reader integrated	✗

Graphics	
Discrete graphics card *	✓
On-board graphics card *	✓
Discrete graphics card model *	NVIDIA® GeForce® GTX 1050 Ti
Number of discrete graphics cards	1
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

Network	
Ethernet LAN *	✓
Ethernet LAN data rates	10,100,1000 Mbit/s
Cabling technology	10/100/1000Base-T(X)

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
HDMI version	2.0a
Ethernet LAN (RJ-45) ports	1
Microphone in	✓

Processor special features	
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 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
Depth *	467.8 mm
Height *	402.4 mm
Weight *	8.71 kg

Packaging content	
Manual	✓

Display	
Display included *	✗

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