



Lenovo s500 Intel® Core™ i3 i3-4170 4 GB DDR3-SDRAM 500 GB HDD Windows 7 Professional SFF PC Black

Brand : Lenovo

Article code: 10JL0001MT

Product name : s500

Lenovo s500. Processor frequency: 3,7 GHz, Processor family: Intel® Core™ i3, Processor model: i3-4170. Internal memory: 4 GB, Internal memory type: DDR3-SDRAM, Memory clock speed: 1600 MHz. Total storage capacity: 500 GB, Storage media: HDD, Optical drive type: DVD±RW. On-board graphics card model: Intel® HD Graphics 4400. Operating system installed: Windows 7 Professional, Operating system architecture: 64-bit. Power supply: 180 W. Chassis type: SFF. Product type: PC



Processor		Performance	
Processor manufacturer *	Intel	Motherboard chipset	Intel® H81
Processor family *	Intel® Core™ i3	Audio chip	Realtek ALC662
Processor generation	4th gen Intel® Core™ i3	Password protection	✓
Processor model *	i3-4170	Password protection type	Power on
Processor cores	2	Product type *	PC
Processor threads	4	Software	
Processor frequency *	3,7 GHz	Operating system architecture	64-bit
Processor socket	LGA 1150 (Socket H3)	Recovery operating system	Windows 10 Pro
Processor cache	3 MB	Operating system installed *	Windows 7 Professional
Processor cache type	L3	Trial software	McAfee LiveSafe, Microsoft Office
System bus rate	5 GT/s	Processor special features	
Bus type	DMI2	Intel® Small Business Advantage (Intel® SBA)	✓
FSB Parity	✗	Intel® Wireless Display (Intel® WiDi)	✓
Processor lithography	22 nm	Intel 64	✓
Processor operating modes	32-bit, 64-bit	Enhanced Intel SpeedStep Technology	✓
Processor series	Intel Core i3-4100 Desktop series	Embedded options available	✗
Processor codename	Haswell	Intel® InTru™ 3D Technology	✓
Thermal Design Power (TDP)	54 W	Intel® Insider™	✗
Tcase	72 °C	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
PCI Express slots version	3.0		
Maximum number of PCI Express lanes	16		
PCI Express configurations	1x16, 2x8, 1x8+2x4		
Number of processors installed	1		

Processor		Processor special features	
Stepping	C0	Intel Clear Video Technology	✗
Maximum internal memory supported by processor	32 GB	Intel VT-x with Extended Page Tables (EPT)	✓
Memory types supported by processor	DDR3-SDRAM, DDR3L-SDRAM	Intel TSX-NI	✗
Memory clock speeds supported by processor	1333,1600 MHz	Idle States	✓
Memory bandwidth supported by processor (max)	25,6 GB/s	Thermal Monitoring Technologies	✓
ECC supported by processor	✓	Intel Stable Image Platform Program (SIPP)	✗
Memory voltage supported by processor	1,5 V	Intel® AES New Instructions (Intel® AES-NI)	✓
Memory		Intel® Secure Key	✓
Internal memory *	4 GB	Intel Trusted Execution Technology	✗
Maximum internal memory *	16 GB	Execute Disable Bit	✓
Internal memory type	DDR3-SDRAM	Intel FDI Technology	✗
Memory slots	2x DIMM	Intel Flex Memory Access	✗
Memory clock speed	1600 MHz	Intel Fast Memory Access	✗
Memory channels	Dual-channel	Intel® Smart Cache	✓
Storage		Intel Enhanced Halt State	✓
Total storage capacity *	500 GB	Intel Demand Based Switching	✗
Storage media *	HDD	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Optical drive type *	DVD±RW	Processor package size	37.5 x 37.5 mm
Number of storage drives installed	1	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Number of HDDs installed	1	Processor code	SR1PL
HDD capacity	500 GB	Scalability	1S
HDD interface	SATA III	CPU configuration (max)	1
HDD speed	7200 RPM	Graphics & IMC lithography	22 nm
HDD size	3.5"	Thermal solution specification	PCG 2013C
Card reader integrated	✓	Intel Virtualization Technology for Directed I/O (VT-d)	✗
Graphics		Intel Stable Image Platform Program (SIPP) version	0,00
Discrete graphics card *	✗	Intel Secure Key Technology version	1,00
On-board graphics card *	✓	Intel Virtualization Technology (VT-x)	✓
Discrete graphics card model *	Not available	Intel Small Business Advantage (SBA) version	1,00
On-board graphics card family	Intel® HD Graphics	Intel TSX-NI version	0,00
On-board graphics card model *	Intel® HD Graphics 4400	Intel Dual Display Capable Technology	✗
On-board graphics card base frequency	350 MHz	Intel Rapid Storage Technology	✗
On-board graphics card dynamic frequency (max)	1150 MHz	Processor ARK ID	77490
Maximum on-board graphics card memory	1,74 GB	Intel® Turbo Boost Technology	✗
Number of displays supported (on-board graphics)	3	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
On-board graphics card DirectX version	11.1	Intel® Quick Sync Video Technology	✓
On-board graphics card OpenGL version	4.3	Intel® My WiFi Technology (Intel® MWT)	✗
On-board graphics card ID	41	Intel® Anti-Theft Technology (Intel® AT)	✗
Network		Conflict-Free processor	✓
Ethernet LAN *	✓	Power	
Ethernet LAN data rates	10,100,1000 Mbit/s	Power supply *	180 W
Cabling technology	10/100/1000Base-T(X)	Power supply input voltage	100 - 240 V
Wi-Fi *	✗	Power supply input frequency	50 - 60 Hz
Ports & interfaces		Certificates	
USB 2.0 ports quantity *	4	Compliance certificates	RoHS
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Certification	ErP Lot 3; GREENGUARD
VGA (D-Sub) ports quantity	1		
DVI port	✗		

Ports & interfaces		Sustainability	
DisplayPorts quantity	1	Sustainability certificates	EPEAT Silver, ENERGY STAR
Ethernet LAN (RJ-45) ports	1	Weight & dimensions	
Microphone in	✓	Width *	295 mm
Headphone outputs	1	Depth *	320 mm
Line-out	✓	Height *	90 mm
Line-in	✓	Weight *	4,1 kg
Serial ports quantity	1	Packaging content	
Expansion slots		Mouse included	✓
PCI Express x16 (Gen 2.x) slots	1	Keyboard included	✓
Design		Manual	✓
Chassis type *	SFF	Display	
Water cooling system	✗	Display included *	✗
Cable lock slot	✓	Other features	
Cable lock slot type	Kensington	Optical drives quantity	1
Product color *	Black		



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