



Lenovo ThinkCentre M920s Intel® Core™ i7 i7-9700 16 GB DDR4-SDRAM 256 GB SSD Windows 10 Pro SFF PC Black

Brand : Lenovo

Product family: ThinkCentre

Article code: 10SJ0058US

Product name : M920s

Lenovo ThinkCentre M920s. Processor frequency: 3 GHz, Processor family: Intel® Core™ i7, Processor model: i7-9700. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 256 GB, Storage media: SSD, Optical drive type: DVD±RW. On-board graphics card model: Intel® UHD Graphics 630. Operating system installed: Windows 10 Pro, Operating system architecture: 64-bit. Chassis type: SFF. Product type: PC. Weight: 6 kg. Product color: Black



Processor		Ports & interfaces	
Processor manufacturer *	Intel	Ethernet LAN (RJ-45) ports	1
Processor family *	Intel® Core™ i7	Microphone in	✓
Processor generation	9th gen Intel® Core™ i7	Headphone outputs	1
Processor model *	i7-9700	Line-out	✓
Processor cores	8	Line-in	✓
Processor threads	8	Combo headphone/mic port	✓
Processor boost frequency	4,7 GHz	Serial ports quantity	1
Processor frequency *	3 GHz	Design	
Processor socket	LGA 1151 (Socket H4)	Chassis type *	SFF
Processor cache	12 MB	Volume	8,4 L
Processor cache type	Smart Cache	Placement supported	Horizontal/Vertical
System bus rate	8 GT/s	Product color *	Black
Processor lithography	14 nm	Performance	
Processor operating modes	64-bit	Motherboard chipset	Intel Q370
Processor codename	Coffee Lake	Audio chip	Realtek ALC233VB2
Thermal Design Power (TDP)	65 W	Audio system	High Definition Audio
Tjunction	100 °C	Password protection	✓
PCI Express slots version	3.0	Password protection type	HDD, Power on, Supervisor
Maximum number of PCI Express lanes	16	Product type *	PC
PCI Express configurations	1x16, 2x8, 1x8+2x4	Software	
Number of processors installed	1	Operating system architecture	64-bit
Maximum internal memory supported by processor	128 GB	Operating system installed *	Windows 10 Pro
Memory types supported by processor	DDR4-SDRAM	Processor special features	
Memory clock speeds supported by processor	2666 MHz	Intel 64	✓
Memory bandwidth supported by processor (max)	41,6 GB/s	Enhanced Intel SpeedStep Technology	✓
Memory		Embedded options available	✗
Internal memory *	16 GB	Intel® InTru™ 3D Technology	✓
Maximum internal memory *	64 GB	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Internal memory type	DDR4-SDRAM	Intel Clear Video Technology	✓
Memory slots	4x DIMM	Intel VT-x with Extended Page Tables (EPT)	✓
Non-ECC	✓	Intel TSX-NI	✓
Storage		Idle States	✓
Total storage capacity *	256 GB		

Storage		Processor special features	
Storage media *	SSD	Thermal Monitoring Technologies	✓
Optical drive type *	DVD±RW	Intel Stable Image Platform Program (SIPP)	✓
Number of storage drives installed	1	Intel® AES New Instructions (Intel® AES-NI)	✓
Total SSDs capacity	256 GB	Intel® Secure Key	✓
Number of SSDs installed	1	Intel® OS Guard	✓
Graphics		Intel Trusted Execution Technology	✓
Discrete graphics card *	✗	Execute Disable Bit	✓
On-board graphics card *	✓	Intel Software Guard Extensions (Intel SGX)	✓
Discrete graphics card model *	Not available	Processor package size	37.5 x 37.5 mm
On-board graphics card model *	Intel® UHD Graphics 630	Supported instruction sets	SSE4.1, SSE4.2, AVX 2.0
On-board graphics card base frequency	350 MHz	Scalability	1S
On-board graphics card dynamic frequency (max)	1200 MHz	CPU configuration (max)	1
Maximum on-board graphics card memory	64 GB	Thermal solution specification	PCG 2015C
Number of displays supported (on-board graphics)	3	Intel Virtualization Technology for Directed I/O (VT-d)	✓
On-board graphics card DirectX version	12.0	Intel Virtualization Technology (VT-x)	✓
On-board graphics card OpenGL version	4.5	Processor ARK ID	191792
On-board graphics card ID	0x3E98	Intel® Turbo Boost Technology	2.0
Network		Intel® Hyper Threading Technology (Intel® HT Technology)	✗
Ethernet LAN *	✓	Intel® Quick Sync Video Technology	✓
Ethernet LAN data rates	10,100,1000 Mbit/s	Intel® Identity Protection Technology (Intel® IPT)	✓
Cabling technology	10/100/1000Base-T(X)	Weight & dimensions	
Ports & interfaces		Width *	92,5 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	6	Depth *	290,5 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1	Height *	343,5 mm
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2	Weight *	6 kg
VGA (D-Sub) ports quantity	1	Packaging content	
DVI port	✗	Mouse included	✓
DisplayPorts quantity	2	Keyboard included	✓
		Display	
		Display included *	✗

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