Lenovo.

Lenovo ThinkStation P320 Intel® Core™ i3 i3-7100T 8 GB DDR4-SDRAM 256 GB SSD NVIDIA® Quadro® P600 Windows 10 Pro Mini PC Black

Brand: Lenovo Product family: ThinkStation Product code: 30C2001AUS

Product name : P320

Intel Core i3-7100T 3.4GHz, Intel HD 630, Quadro P600 2GB, 8GB DDR4, 256GB M.2 PCle NVMe Opal, 802.11ac, Bluetooth, Stand, Windows 10 Pro 64-bit

Lenovo ThinkStation P320. Processor frequency: 3.4 GHz, Processor family: Intel® Core™ i3, Processor model: i3-7100T. Internal memory: 8 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 256 GB, Storage media: SSD. On-board graphics card model: Intel® HD Graphics 630, Discrete graphics card model: NVIDIA® Quadro® P600. Operating system installed: Windows 10 Pro, Operating system architecture: 64-bit. Power supply: 135 W. Product type: Mini PC. Weight: 1.3 kg. Product colour: Black





Processor		Ports & interfaces	
Processor manufacturer *	Intel	Microphone in	✓
Processor family *	Intel® Core™ i3	Headphone outputs	1
Processor generation	7th gen Intel® Core™ i3	Design	
Processor model *	i3-7100T	Product colour *	Black
Processor cores	2		Віаск
Processor threads	4	Performance	
Processor frequency *	3.4 GHz	Product type *	Mini PC
Processor socket	LGA 1151 (Socket H4)	Software	
Processor cache	3 MB	Operating system architecture	64-bit
Processor cache type	Smart Cache	Operating system installed *	Windows 10 Pro
System bus rate	8 GT/s	. 57	Williams 10 110
Bus type	DMI3	Processor special features	
Processor lithography	14 nm	Intel 64	✓
Processor operating modes	64-bit	Enhanced Intel SpeedStep	1
Processor codename	Kaby Lake	Technology	
Thermal Design Power (TDP)	35 W	Embedded options available	×
Configurable TDP-down	25 W	Intel® InTru™ 3D Technology	✓
Configurable TDP-down frequency Tjunction	2.4 GHz 92 °C	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
PCI Express slots version	3.0	Intel Clear Video Technology	/
Maximum number of PCI Express	16	Intel VT-x with Extended Page	,
lanes	1916 190 (294 290	Tables (EPT)	•
PCI Express configurations	1x16, 1x8+2x4, 2x8	Intel TSX-NI	×
Number of processors installed	1 S0	Idle States	✓
Stepping Maximum internal memory	30	Thermal Monitoring Technologies	✓
supported by processor	64 GB	Intel Stable Image Platform Program (SIPP)	×
Memory types supported by processor	DDR3L-SDRAM, DDR4-SDRAM	Intel® AES New Instructions (Intel®	✓
Memory clock speeds supported by processor	1333,1600,2133,2400 MHz	AES-NI) Intel® Secure Key	✓
ECC supported by processor	×	Intel® OS Guard	✓
Memory		Intel Trusted Execution Technology	×
Internal memory *	8 GB	Execute Disable Bit	✓
Maximum internal memory *	32 GB	Intel Enhanced Halt State	✓
Internal memory type Memory slots	DDR4-SDRAM 4x SO-DIMM	Intel Software Guard Extensions (Intel SGX)	1
Memory channels	Dual-channel		

Storage		Processor special features	
Total storage capacity * Storage media *	256 GB SSD	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	•
Optical drive type *	×	Processor package size	37.5 x 37.5 mm
Card reader integrated	×	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Graphics		Processor code	SR35P
Discrete graphics card *	✓	Scalability	1S
On-board graphics card *	✓	CPU configuration (max)	1
Discrete graphics card model *	NVIDIA® Quadro® P600	Thermal solution specification	PCG 2015A
On-board graphics card model *	Intel® HD Graphics 630	Intel Virtualization Technology for Directed I/O (VT-d)	✓
On-board graphics card base frequency	350 MHz	Intel Identity Protection Technology version	1.00
On-board graphics card dynamic frequency (max)	1100 MHz	Intel Stable Image Platform Program (SIPP) version	0.00
Maximum on-board graphics card	64 GB	Intel Secure Key Technology version	1.00
memory Number of displays supported (on- board graphics)	3	Intel Virtualization Technology (VT-x)	/
On-board graphics card DirectX		Intel TSX-NI version	0.00
version	12.0	Processor ARK ID	97485
On-board graphics card OpenGL	4.4	Intel® Turbo Boost Technology	×
version On-board graphics card ID	0x5912	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Network		Intel® Quick Sync Video Technology	✓
		Intel® Identity Protection	/
Ethernet LAN *	✓	Technology (Intel® IPT)	
Wi-Fi *	· · · · · · · · · · · · · · · · · · ·	Conflict-Free processor	✓
Top Wi-Fi standard	Wi-Fi 5 (802.11ac)	Power	
Wi-Fi standards Bluetooth	Wi-Fi 5 (802.11ac) ✓	Power supply *	135 W
	V	Weight & dimensions	
Ports & interfaces		Width *	34.5 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	6	Depth *	179 mm
DVI port	X	Height *	182.9 mm
DisplayPorts quantity	2	Weight *	1.3 kg
Ethernet LAN (RJ-45) ports	1	Display	
		Display included *	×

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