

ThinkStation P340 SFF 30DK002ECK

Product

ThinkStation P340 SFF

Region

EET

Country/Region

Czech, Slovakia

Machine Type

30DK

TopSeller

TopSeller

Processor

Intel Core i5-10500 (6C / 12T, 3.1 / 4.5GHz, 12MB)

Integrated Graphics

Intel UHD Graphics 630

Discrete Graphics

None

Chipset

Intel W480

HDD Controller

Onboard Intel RST SATA RAID

M.2 SSD RAID Controller

Onboard Intel RSTe PCIe

Memory

1x 8GB UDIMM DDR4-2933 non-ECC

Internal Disk Drive

1x 512GB SSD 2.5" SATA6Gb/s Opal

M.2 SSD Drive

None

Optane Memory

None

Optical

9.0mm DVD±RW

Media Reader

SD Reader

Onboard Ethernet

1x GbE RJ-45

Additional Ethernet

None

WLAN + Bluetooth

None

Optional Rear Ports

None

Chassis Intrusion Switch

Chassis Intrusion Switch

Cover Lock

E-Lock

Cable Lock

Cable Lock

Keyboard

USB Traditional Keyboard, Black, Czech / Slovak

Mouse

USB Calliope Mouse

Power Supply

310W 92%

System Management

Intel vPro with AMT 14

Operating System

Windows 10 Pro 64, Czech / Slovakian / English

Bundled Software

None

Base Warranty

3-year, Onsite

Bundled Service

None

EAN / UPC / JAN

0195042902525

End of Support

2028-07-30

Announce Date

2020-06-09

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ThinkStation P340 SFF Platform Specifications

Product Specifications Reference (PSREF)

Components		Specification										Components		Specification	
Form factor		8.2L										Media reader		Optional SD reader on most models	
Dimensions		Height: 339.5 mm (13.4 in). Width: 92.5 mm (3.6 in). Depth: 309.7 mm (9.3 in)										Network interfaces		One onboard GbE port via integrated gigabit ethernet Intel i219LM, supports Wake-on-LAN. Optional PCIe ethernet adapters are available	
Weight		Maximum configuration: 12.6 lb (5.7 kg)										WLAN + Bluetooth		Optional Intel Wi-Fi 6 AX201, 2x2, 2.4GHz/5GHz (160MHz channels), WiFi 6, Bluetooth 5	
Processor Sockets		1x FCLGA1200										Security features		Power-on and admin password. Trusted Platform Module, TCG 2.0 compliant. Optional chassis intrusion switch, E-lock, cable lock, Kensington lock, and pad lock	
Processor Support		Up to one Xeon, Core i9, i7, i5, or i3 processor												Optional vPro also requires AX201 if Wi-Fi function is needed	
Processor		Processor Number	Cores	Threads	Base Frequency	Cache	TDP	Memory Types	ECC	Processor Graphics	vPro	Intel vPro	Supports Intel vPro on models with vPro-enable processor. vPro also requires AX201 if Wi-Fi function is needed		
		Xeon W-1290	10	20	3.2GHz	20MB	80W	DDR4-2933	Yes	UHD P630	Yes	Intel AMT	Intel Active Management Technology 14 on vPro models, Intel Standard Manageability on other models		
		Xeon W-1270	8	16	3.4GHz	16MB	80W	DDR4-2933	Yes	UHD P630	Yes	Base warranty	Most models comes with 3-year limited onsite service with 9x5/NBD. Other models may have 1 or 2-year limited onsite service		
		Xeon W-1250	6	12	3.3GHz	12MB	80W	DDR4-2666	Yes	UHD P630	Yes	HD Audio	Intel HD Audio interface with Realtek ALC623 Codec		
		Core i9-10900	10	20	2.8GHz	20MB	65W	DDR4-2933	No	UHD 630	Yes	Front ports	2x USB-A 3.2 Gen 1. 2x USB-A 3.2 Gen 2. 1x USB-C 3.2 Gen 1. 1x Mic-in. 1x Combo jack		
		Core i7-10700	8	16	2.9GHz	16MB	65W	DDR4-2933	No	UHD 630	Yes	Rear ports	2x USB-A 3.2 Gen 1. 2x USB-A 2.0. 1x RJ-45. 1x COM. 2x DP. 1x Audio line-out		
		Core i5-10600	6	12	3.3GHz	12MB	65W	DDR4-2666	No	UHD 630	Yes	Optional rear ports	Supports the following via cable: 1x COM. 1x Parallel. 2x PS/2. 1x video (DP, HDMI, or USB-C). 2x USB 2.0. Supports the following via PCIe adapter: 4x COM*. 1x USB-C 3.2 Gen 2. 2x USB-A 3.2 Gen 1*. 1x Thunderbolt		
		Core i5-10500	6	12	3.1GHz	12MB	65W	DDR4-2666	No	UHD 630	Yes	Notes:	4x COM and 2x USB-A 3.2 Gen 1 are special bids only.		
		Core i5-10400	6	12	2.9GHz	12MB	65W	DDR4-2666	No	UHD 630	No	Temperature	Operating: 50 °F to 95 °F (10 °C to 35 °C) Non operating (no package): 14 °F to 140 °F (-10 °C to 60 °C) Non operating (with package): -40 °F to 140 °F (-40 °C to 60 °C)		
		Core i3-10320	4	8	3.8GHz	8MB	65W	DDR4-2666	No	UHD 630	No	Altitude	Operating: -15.2 m (-50 ft) to 3048 m (10 000 ft). Storage: -15.2 m (-50 ft) to 10,668 m (35 000 ft)		
		Core i3-10300	4	8	3.7GHz	8MB	65W	DDR4-2666	No	UHD 630	No	Humidity	Operating: 30%-90%, non-condensing Storage (with package): 20%-90%, non-condensing		
		Core i3-10100	4	8	3.6GHz	6MB	65W	DDR4-2666	No	UHD 630	No	Environmental certification	RoHS-compliant, EPEAT Silver rating, and ENERGY STAR 8 qualified		
Chipset		Intel W480 Chipset										Power supply		Supports one of the following: • 310W, 92% PSU, 100V - 240V, 80 PLUS Platinum qualified • 380W, 92% PSU, 100V - 240V, 80 PLUS Platinum qualified	
Memory Sockets		4 DIMM sockets with 2 channels										ISV certifications		Please visit www.thinkworkstations.com/isv-certifications/	
Memory Types		8GB/16GB/32GB DDR4-2933 UDIMM ECC, or 4GB/8GB/16GB/32GB DDR4-2933 UDIMM non-ECC										Note: 1. Depending on many factors, actual data transfer speed mentioned on this page may be lower than theoretical speed. 2. Any questions or advice on ThinkStation PSREF, please contact Lenovo workstation PSREF developer			
Memory Capacity		128GB													
Memory Protection		ECC, ECC memory and ECC-enable CPU are needed													
Expansion slots	Three PCIe 3.0 slots as following:														
	Slot 1 PCIe 3.0 x16, low profile, links to CPU														
	Slot 2 PCIe 3.0 x1, low profile, links to PCH														
	Slot 3 PCIe 3.0 x16 (negotiable link width x4), low profile, links to PCH														
Processor graphics		Integrated Intel UHD Graphics P630 in Xeon processors, or Intel UHD Graphics 630 in Core processors. Works along with discrete graphics to support multi-display, enables three rear display connectors (2 DP standard, 1 video port optional (Video port can be DP, HDMI, or USB-C))													
Discrete Graphics Offering	Graphics		Memory		Power		Connector		Max Qty						
	Quadro P400		2GB GDDR5		30W		3x miniDP		2						
	Quadro P620		2GB GDDR5		40W		4x miniDP		2						
	Quadro P1000		4GB GDDR5		50W		4x miniDP		2						
Storage Controller	Storage Controller		Type		Interface		Disk Type		RAID						
	Onboard Intel RST SATA RAID		Std		SATA 6Gb/s		HDD or SSD		0/1						
	Onboard Intel RST PCIe RAID		Std		PCIe NVMe		M.2 PCIe SSD		0/1						
Storage Support	Disk Type		Interface		RPM		Offering		Max Qty						
	3.5" SATA HDD		SATA 6Gb/s		7.2K		1TB/2TB/4TB/6TB		1						
	2.5" SATA HDD		SATA 6Gb/s		7.2K		1TB FIPS		2						
	2.5" SATA SSD		SATA 6Gb/s		-		512GB/1TB		2						
	M.2 PCIe SSD		PCIe NVMe		-		256GB/512GB/1TB/2TB		4						
Storage Bays	Bay 1		First 3.5" disk bay												
	Bay 2		First 2.5" SATA bay												
	Bay 3		9mm Slim ODD bay												
	Bay 4		Media reader												
		M.2		4x M.2 SSD (2 onboard, 2 via PCIe to M.2 adapter)											

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