

# ThinkStation P340 SFF 30DK000RCA

## Product

ThinkStation P340 SFF

## Region

NA

## Country/Region

Canada

## 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

None

## M.2 SSD Drive

1x 256GB SSD M.2 PCIe NVMe Opal

## 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

1x Video port, DP

## Chassis Intrusion Switch

None

## Cover Lock

None

## Cable Lock

None

## Keyboard

USB Traditional Keyboard, Black, French

## Mouse

USB Calliope Mouse

## Power Supply

380W 92%

## System Management

Intel vPro with AMT 14

## Operating System

Windows 10 Pro 64, French

## Bundled Software

None

## Base Warranty

3-year, Onsite

## Bundled Service

None

## EAN / UPC / JAN

195042714432

## End of Support

2028-07-30

## Announce Date

2020-06-09

## Recommended Services

### Best

4Y Lenovo Protect (Premier Support + Keep Your Drive + Accidental Damage Protection) (5PS0N73191)

### Better

4Y Lenovo Support (Premier Support + Keep Your Drive) (5PS0N73243)

### Good

3Y Premier Support Upgrade from 3Y Onsite (5WS0U26646)

## Notes:

### California Electronic Waste Recycling Fee

In California, per state law, Lenovo charges an electronic waste recycling fee on this covered device at the time of sale of the product. For more information, go to: <https://www.calrecycle.ca.gov/Electronics/Consumer>

 [WWW.LENOVO.COM](http://WWW.LENOVO.COM)

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<https://psref.lenovo.com>

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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: 12.46 lb (5.65 kg)										WLAN + Bluetooth	Optional Intel Wi-Fi 6 AX201, 2x2, 2.4GHz/5GHz (160MHz channels), WiFi 6, Bluetooth 5																						
Processor Sockets	1x FCLGA1200										Processor Support	Up to one Xeon, Core i9, i7, i5, or i3 processor																						
Processor	Processor Number	Cores	Threads	Base Frequency	Cache	TDP	Memory Types	ECC	Processor Graphics	vPro		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																						
	Xeon W-1290	10	20	3.2GHz	20MB	80W	DDR4-2933	Yes	UHD P630	Yes		Supports Intel vPro on models with vPro-enable processor. vPro also requires AX201 if Wi-Fi function is needed																						
	Xeon W-1270	8	16	3.4GHz	16MB	80W	DDR4-2933	Yes	UHD P630	Yes		Intel Active Management Technology 14 on vPro models, Intel Standard Manageability on other models																						
	Xeon W-1250	6	12	3.3GHz	12MB	80W	DDR4-2666	Yes	UHD P630	Yes		Most models comes with 3-year limited onsite service with 9x5/NBD. Other models may have 1 or 2-year limited onsite service																						
	Core i9-10900	10	20	2.8GHz	20MB	65W	DDR4-2933	No	UHD 630	Yes		HD Audio	Intel HD Audio interface with Realtek ALC623 Codec																					
	Core i7-10700	8	16	2.9GHz	16MB	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 i5-10600	6	12	3.3GHz	12MB	65W	DDR4-2666	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 i5-10500	6	12	3.1GHz	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 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																					
Expansion slots	Three PCIe 3.0 slots as following:											Power supply	Supports one of the following: <ul style="list-style-type: none"><li>310W, 92% PSU, 100V - 240V, 80 PLUS Platinum qualified</li><li>380W, 92% PSU, 100V - 240V, 80 PLUS Platinum qualified</li></ul>																					
	Slot 1	PCIe 3.0 x16, low profile, links to CPU											ISV certifications																					
	Slot 2	PCIe 3.0 x1, low profile, links to PCH											Please visit <a href="http://www.thinkworkstations.com/isv-certifications/">www.thinkworkstations.com/isv-certifications/</a>																					
Processor graphics	Integrated Intel UHD Graphics P630 in Xeon processors, or Intel UHD Graphics 630 in Core processors.												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 <a href="mailto:Lenovo workstation PSREF developer">Lenovo workstation PSREF developer</a>																					
	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																										
Storage Controller	Storage Controller			Type	Interface		Disk Type																											
	Onboard Intel RST SATA RAID			Std	SATA 6Gb/s		HDD or SSD																											
Storage Support	Onboard Intel RST PCIe RAID			Std	PCIe NVMe		M.2 PCIe SSD																											
	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																											
Storage Bays	M.2 PCIe SSD	PCIe NVMe	-	256GB/512GB/1TB/2TB			4																											
	Optane Memory	PCIe NVMe	-	16GB			1																											
	Bay 1	First 3.5" disk bay																																
Storage Bays	Bay 2	First 2.5" SATA bay																																
	Bay 3	9mm Slim ODD bay																																
	Bay 4	Media reader																																
Storage Bays	M.2	4x M.2 SSD (2 onboard, 2 via PCIe to M.2 adapter)																																

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