

# ThinkStation P340 SFF 30DK0041US

**Product**

ThinkStation P340 SFF

**Region**

NA

**Country/Region**

USA

**Machine Type**

30DK

**TopSeller**

TopSeller

**Processor**

Intel Core i9-10900 (10C / 20T, 2.8 / 5.2GHz, 20MB)

**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 32GB UDIMM DDR4-2933 non-ECC

**Internal Disk Drive**

None

**M.2 SSD Drive**

1x 1TB 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, English

**Mouse**

USB Calliope Mouse

**Power Supply**

380W 92%

**System Management**

Intel vPro with AMT 14

**Operating System**

Windows 10 Pro 64, English

**Bundled Software**

None

**Base Warranty**

3-year, Onsite

**Bundled Service**

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

**EAN / UPC / JAN**

195348323901

**End of Support**

2028-07-30

**Announce Date**

2020-09-02

**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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# ThinkStation P340 SFF Platform Specifications



Components	Specification																																																																																																																								
Form factor	8.2L																																																																																																																								
Dimensions	Height: 339.5 mm (13.4 in). Width: 92.5 mm (3.6 in). Depth: 309.7 mm (9.3 in)																																																																																																																								
Weight	Maximum configuration: 12.46 lb (5.65 kg)																																																																																																																								
Processor Sockets	1x FCLGA1200																																																																																																																								
Processor Support	Up to one Xeon, Core i9, i7, i5, or i3 processor																																																																																																																								
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Chipset	Intel W480 Chipset																																																																																																																								
Memory Sockets	4 DIMM sockets with 2 channels																																																																																																																								
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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																																																																																																																								
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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	<table border="1"> <thead> <tr> <th>Graphics</th> <th>Memory</th> <th>Power</th> <th>Connector</th> <th>Max Qty</th> </tr> </thead> <tbody> <tr> <td>Quadro P400</td> <td>2GB GDDR5</td> <td>30W</td> <td>3x miniDP</td> <td>2</td> </tr> <tr> <td>Quadro P620</td> <td>2GB GDDR5</td> <td>40W</td> <td>4x miniDP</td> <td>2</td> </tr> <tr> <td>Quadro P1000</td> <td>4GB GDDR5</td> <td>50W</td> <td>4x miniDP</td> <td>2</td> </tr> </tbody> </table>	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																																																																																																				
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	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)																																																																																																																								

Components	Specification
Media reader	Optional SD reader on most models
Network interfaces	One onboard GbE port via integrated gigabit ethernet Intel i219LM, supports Wake-on-LAN. Optional PCIe ethernet adapters are available
WLAN + Bluetooth	Optional Intel Wi-Fi 6 AX201, 2x2, 2.4GHz/5GHz (160MHz channels), Wi-Fi 6, Bluetooth 5
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
Intel vPro	Supports Intel vPro on models with vPro-enable processor. vPro also requires AX201 if Wi-Fi function is needed
Intel AMT	Intel Active Management Technology 14 on vPro models, Intel Standard Manageability on other models
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
HD Audio	Intel HD Audio interface with Realtek ALC623 Codec
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
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
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.
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)
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)
Humidity	Operating: 30%~90%, non-condensing Storage (with package): 20%~90%, non-condensing
Environmental certification	RoHS-compliant, EPEAT Silver rating, and ENERGY STAR 8 qualified
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
ISV certifications	Please visit <a href="http://www.thinkworkstations.com/isv-certifications/">www.thinkworkstations.com/isv-certifications/</a>

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](mailto:Lenovo_workstation_PSREF_developer)

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