

ThinkStation P330 Tower Gen 2 30CY007MUS

Product

ThinkStation P330 Tower Gen 2

Region

NA

Country/Region

USA

Machine Type

30CY

TopSeller

TopSeller

Processor

Intel Xeon E-2224 4C/4T/3.4GHz/8MB/71W/DDR4-2666

Integrated Graphics

None

Discrete Graphics

NVIDIA Quadro P620 2GB

Chipset

Intel C246

HDD Controller

Onboard Intel RSTe SATA RAID

M.2 SSD RAID Controller

Onboard Intel RSTe PCIe

Memory

1x 16GB UDIMM DDR4-2666 ECC

Internal Disk Drive

None

M.2 SSD Drive

1x 512GB SSD M.2 PCIe NVMe Opal

Optane Memory

None

Optical

1x 9.0mm DVD±RW

Media Reader

SD Reader

Ethernet

1x GbE RJ-45

WLAN + Bluetooth

None

Optional Front Ports

None

Optional Rear Ports

None

Chassis Intrusion Switch

None

Cover Lock

None

Cable Lock

None

Dust Filter

None

Keyboard

USB Traditional Keyboard, Black, English

Mouse

USB Calliope Mouse

Power Supply

400W Platinum Fixed

System Management

Intel vPro with AMT 12

Operating System

Windows 10 Pro 64 for Workstations, English

Bundled Software

None

Base Warranty

3-year, Onsite

Bundled Service

None

EAN / UPC / JAN

194632679090

End of Support

2026-08-24

Announce Date

2019-12-10

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>

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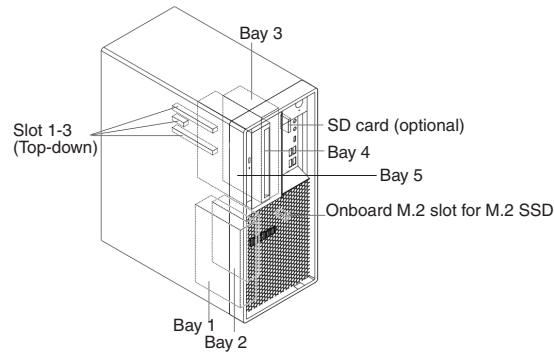
Components	Specification																																																																																							
Form factor	18L Tower																																																																																							
Dimensions	Height: 376 mm (14.8 in). Width: 165 mm (6.5 in). Depth: 328 mm (12.9 in)																																																																																							
Weight	Maximum configuration: 23.37 lb (10.6kg)																																																																																							
Processor	Supports one of the following processors:																																																																																							
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Chipset	Intel C246 Chipset																																																																																							
Memory Sockets	4 DIMM sockets with 2 channels																																																																																							
Memory Types	8GB/16GB DDR4-2666 UDIMM ECC or 4GB/8GB/16GB/32GB DDR4-2666 UDIMM non-ECC																																																																																							
Memory Capacity	64GB with 4 x 16GB for UDIMM ECC or 128GB with 4 x 32GB UDIMM non-ECC																																																																																							
Memory Protection	ECC on models with UDIMM ECC memory																																																																																							
Expansion slots	Three PCIe 3.0 slots as following:																																																																																							
	Slot 1 PCIe 3.0 x16, full height, half length, links to CPU																																																																																							
	Slot 2 PCIe 3.0 x1, full height, full length, links to PCH																																																																																							
	Slot 3 PCIe 3.0 x16 (negotiable link width x4), full height, half length, links to PCH																																																																																							
Processor graphics	Integrated Intel UHD Graphics P630 in -G suffix Xeon processors, or Intel UHD Graphics 630 in Core i7, i5, i3, or Pentium processors. Works along with discrete graphics to support multi-display, enables three rear display connectors (2 DP standard, 1 DP or HDMI optional)																																																																																							

Components	Specification																																																												
Discrete Graphics Offering	Up to two PCIe 3.0 x16 slots for discrete graphics card (Slot 1 and 3). Supports the following graphics adapters:																																																												
	<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 wGDDR5</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> <tr><td>Quadro P2000</td><td>5GB GDDR5</td><td>75W</td><td>4x DP</td><td>2</td></tr> <tr><td>Quadro P2200</td><td>5GB GDDR5X</td><td>75W</td><td>4x DP</td><td>2</td></tr> <tr><td>Quadro P4000</td><td>8GB GDDR5</td><td>105W</td><td>4x DP</td><td>1</td></tr> <tr><td>Quadro P5000</td><td>16GB GDDR5X</td><td>180W</td><td>DVI-D DL + 4x DP</td><td>1</td></tr> <tr><td>Quadro RTX 4000</td><td>8GB GDDR6</td><td>160W</td><td>3x DP, 1x VirtualLink</td><td>1</td></tr> <tr><td>GeForce GTX 1660 Ti</td><td>6GB GDDR6</td><td>120W</td><td>1x DP, 1x HDMI, 1x DVI-D DL</td><td>1</td></tr> <tr><td>GeForce RTX 2070</td><td>8GB GDDR6</td><td>175W</td><td>3x DP, 1x HDMI, 1x VirtualLink</td><td>1</td></tr> <tr><td>GeForce RTX 2080</td><td>8GB GDDR6</td><td>215W</td><td>3x DP, 1x HDMI, 1x VirtualLink</td><td>1</td></tr> </tbody> </table>	Graphics	Memory	Power	Connector	Max Qty	Quadro P400	2GB wGDDR5	30W	3x miniDP	2	Quadro P620	2GB GDDR5	40W	4x miniDP	2	Quadro P1000	4GB GDDR5	50W	4x miniDP	2	Quadro P2000	5GB GDDR5	75W	4x DP	2	Quadro P2200	5GB GDDR5X	75W	4x DP	2	Quadro P4000	8GB GDDR5	105W	4x DP	1	Quadro P5000	16GB GDDR5X	180W	DVI-D DL + 4x DP	1	Quadro RTX 4000	8GB GDDR6	160W	3x DP, 1x VirtualLink	1	GeForce GTX 1660 Ti	6GB GDDR6	120W	1x DP, 1x HDMI, 1x DVI-D DL	1	GeForce RTX 2070	8GB GDDR6	175W	3x DP, 1x HDMI, 1x VirtualLink	1	GeForce RTX 2080	8GB GDDR6	215W	3x DP, 1x HDMI, 1x VirtualLink	1
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	Quadro P4000	8GB GDDR5	105W	4x DP	1																																																								
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	<i>Note: 2x Quadro P2000, Quadro P4000, Quadro P5000, Quadro RTX 4000, GeForce cards needs 400W PSU</i>																																																												
Storage Controller	<table border="1"> <thead> <tr> <th>Storage Controller</th> <th>Type</th> <th>Interface</th> <th>Disk Type</th> <th>RAID</th> </tr> </thead> <tbody> <tr><td>Onboard Intel RST SATA RAID</td><td>Std</td><td>SATA 6Gb/s</td><td>HDD or SSD</td><td>0/1/10/5</td></tr> <tr><td>Onboard Intel RST PCIe RAID</td><td>Std</td><td>PCIe NVMe</td><td>M.2 PCIe SSD</td><td>0/1</td></tr> </tbody> </table>	Storage Controller	Type	Interface	Disk Type	RAID	Onboard Intel RST SATA RAID	Std	SATA 6Gb/s	HDD or SSD	0/1/10/5	Onboard Intel RST PCIe RAID	Std	PCIe NVMe	M.2 PCIe SSD	0/1																																													
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M.2 PCIe SSD	PCIe NVMe		256GB/512GB/1TB	3																																																									
Storage Bays	Up to five bays with four disk bays plus one slim optical bay, supports up to 3x 3.5" HDD plus 1x 2.5" SSD, or 4x 2.5" HDD/SSD																																																												
	Bay 1 Primary disk bay, 3.5" or 2.5"																																																												
	Bay 2 2.5" SATA bay, cannot be available when 2nd Quadro P2000 is used																																																												
	Bay 3 Secondary disk bay, 3.5" or 2.5"																																																												
	Bay 4 5.25" Flex bay, supports one of the following: <ul style="list-style-type: none"> Flex module for optional front eSATA/Thunderbolt/IEEE 1394 3rd disk bay, 3.5" or 2.5", removable, via Front Access Storage Enclosure, using SATA 4 connector as eSATA mode 3rd disk bay, 3.5" or 2.5", via 5.25" to 3.5" HDD Kit 																																																												
	Bay 5 9mm Slim ODD bay																																																												
	M.2 3x M.2 SSD (1 onboard. 2 via PCIe to M.2 adapter)																																																												
Media reader	Optional 7-in-1 card 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	One dedicated onboard M.2 slot for optional Intel Wireless-AC 9560, 2x2, 2.4GHz/5GHz (160MHz channels), 802.11ac, Bluetooth 5, up to 1.73Gbps																																																												
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 Xeon and selected Core i7 or i5 models. vPro also requires Wireless-AC 9560 if Wi-Fi is needed																																																												
Intel AMT	Intel Active Management Technology 12 on Xeon models, Intel Standard Manageability on other models																																																												
Base warranty	US models comes with 3-year limited onsite service with 9x5/NBD. 1 or 3-year limited onsite service with 9x5/NBD in EMEA or other GEOs																																																												
HD Audio	Intel HD Audio interface with Realtek ALC233 Codec																																																												



Components	Specification
Front ports	2x USB 3.1 Gen 1 Type A. 2x USB 3.1 Gen 2 Type A. 1x USB 3.1 Gen 1 Type-C. 1x Mic-in. 1x Combo jack
Rear ports	2x USB 3.1 Gen 1 Type A. 2x USB 2.0 Type-A. 1x RJ-45. 1x COM. 2x DP. 1x Audio line-out <i>Notes: DP needs Core, Pentium, or -G suffix Xeon processor</i>
Optional front ports (on flex module)	2x Thunderbolt (USB Type-C), one of two ports supports video-out. 1x eSATA. 1x IEEE1394
Optional rear ports	Supports the following via cable: 1x COM. 1x Parallel. 2x PS/2. 1x DP or 1x HDMI. 2x USB 2.0 Supports the following via PCIe adapter: 4x COM. 2x USB 3.1 Type-C. 2x USB 3.1 Gen 1. 1x Thunderbolt. <i>Notes: DP or HDMI needs Core, Pentium, or -G suffix Xeon processor</i>
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. GREENGUARD. EPEAT Silver rating and ENERGY STAR 7 qualified
Power supply	Supports one 250W or 400W power supply, 100V - 240V, 92% PSU. Climate Savers Computing Platinum and 80 PLUS Platinum qualified. 400W PSU supports one 6+2-pin aux power connector.
ISV certifications	Please visit www.thinkworkstations.com/isv-certifications/

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 [ThinkStation PSREF developer](#)



ThinkStation P330 Tower Gen 2

