

# ThinkStation P330 Tower Gen 2 30CY007RUS

**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 RTX 4000 8GB

**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**

194632678819

**End of Support**

2026-08-24

**Announce Date**

2019-12-10

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**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>

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

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# ThinkStation P330 Tower Gen 2 (30CY and 30D0) Platform Specifications - I of II



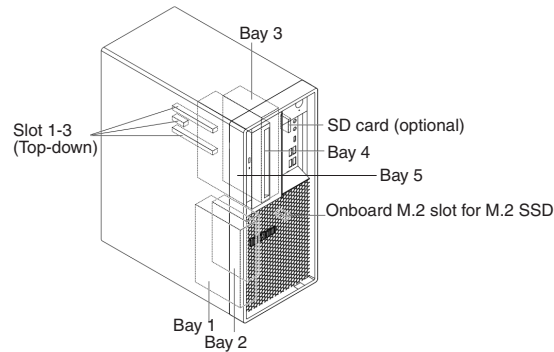
Components	Specification																																																																																							
Form factor	18L Tower																																																																																							
Dimensions	Height: 376 mm (14.8 in). Width: 165 mm (6.5 in). Depth: 328 mm (12.9 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"> <li>Flex module for optional front eSATA/Thunderbolt/IEEE 1394</li> <li>3rd disk bay, 3.5" or 2.5", removable, via Front Access Storage Enclosure, using SATA 4 connector as eSATA mode</li> <li>3rd disk bay, 3.5" or 2.5", via 5.25" to 3.5" HDD Kit</li> </ul>																																																												
	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 <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 [ThinkStation PSREF developer](#)



# ThinkStation P330 Tower Gen 2

