

# ThinkStation P330 Tower Gen 2 30CY003PGE

**Product**

ThinkStation P330 Tower Gen 2

**Region**

WE

**Country/Region**

Germany

**Machine Type**

30CY

**TopSeller**

TopSeller

**Processor**

Core i7-9700 8C/8T/3.0GHz/12MB/65W/DDR4-2666

**Memory**

2x 8GB UDIMM DDR4-2666 Non-ECC

**Processor Graphics**

Intel UHD Graphics 630

**Discrete Graphics Card**

1x NVIDIA Quadro P1000 4GB 4x MiniDP

**Monitor Cable**

None

**Storage Controller**

Onboard Intel RST SATA RAID

**M.2 SSD RAID Controller**

Onboard Intel RST PCIe RAID

**Internal Disk**

None

**Optane Memory**

None

**M.2 SSD Drive**

1x 256GB SSD M.2 PCIe NVMe Opal

**Optical**

9.0mm DVD±RW

**Media Reader**

SD Reader

**HD Audio**

Onboard Realtek ALC233

**WLAN + Bluetooth**

None

**Available Networking Port**

1x GbE RJ-45

**Chassis Intrusion Switch**

Chassis Intrusion Switch

**Cable Lock**

None

**E-Lock**

E-Lock

**Dust Filter**

None

**Optional 1394 Port**

None

**Optional Parallel Port**

None

**Optional Thunderbolt Port**

None

**Optional Serial Port**

None

**Optional USB Port**

None

**Optional eSATA Port**

None

**Optional PS/2 Port**

None

**Optional Video Port**

None

**Keyboard**

USB Traditional Keyboard, Germany

**Mouse**

USB Calliope Mouse

**Power Supply**

250W Platinum Fixed

**System Management**

Standard Manageability

**Operating System**

Windows 10 Pro 64, German

**Bundled Software**

None

**Base Warranty**

3-year, Onsite

**Bundled Service**

None

**Global**

No

**End of Support**

2025-08-23

**Announce Date**

2019-07-23

**Recommended Services****Best**

5Y Premier Support Upgrade from 3Y Onsite (5WS0T36135)

**Better**

4Y Premier Support Upgrade from 3Y Onsite (5WS0T36136)

**Good**

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

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



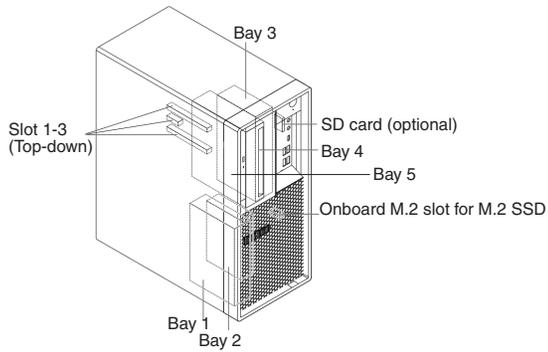
Components	Specification																																																																																					
Form factor	18L Tower																																																																																					
Dimensions	Height: 376 mm (14.8 in). Width: 165 mm (6.5 in). Depth: 328 mm (12.9 in)																																																																																					
Weight	Maximum configuration: 28.22 lb (12.8kg)																																																																																					
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 DDR4-2666 UDIMM non-ECC																																																																																					
Memory Capacity	64B with 4 x 16GB, both UDIMM ECC or 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)																																																																																					
Discrete Graphics Offering	Up to two PCIe 3.0 x16 slots for discrete graphics card (Slot 1 and 3). Supports the following graphics adapters:																																																																																					
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Quadro P5000	16GB GDDR5X	180W	DVI-D DL + 4x DP	1																																																																																		
Quadro RTX 4000	8GB GDDR6	160W	3x DP, 1x VirtualLink	1																																																																																		
<i>Note: 2x Quadro P2000, Quadro P5000, or Quadro RTX 4000 needs 400W PSU</i>																																																																																						

Components	Specification				
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	3
	2.5" SATA HDD	SATA 6Gb/s	7.2K	500GB FIPS	4
	2.5" SATA SSD	SATA 6Gb/s		256GB/512GB/1TB	4
	Optane Memory	PCIe NVMe		32GB	1, used with HDD/SSD
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/IEEE1394</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). <i>Note: Up to 2x M.2 SSD at present. 3 M.2 SSD support is available on Sep 26, 2019</i>			
	Media reader	Optional SD 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 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				
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 3.0. 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)				



Components	Specification
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

