

ThinkStation P330 Tower Gen 2 30CY003KGE

Product

ThinkStation P330 Tower Gen 2

Region

WE

Country/Region

Germany

Machine Type

30CY

TopSeller

TopSeller

Processor

Core i7-9700K 8C/8T/3.6GHz/12MB/95W/DDR4-2666

Memory

2x 8GB UDIMM DDR4-2666 Non-ECC

Processor Graphics

Intel UHD Graphics 630

Discrete Graphics Card

1x NVIDIA Quadro P2200 5GB 4x DP

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 512GB 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

Mouse

USB Calliope Mouse

Power Supply

400W Platinum Fixed

System Management

Standard Manageability

Operating System

Windows 10 Pro 64

Bundled Software

None

Base Warranty

3-year, Onsite

Upsell Service Bundles

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

Product Specifications Reference (PSREF)

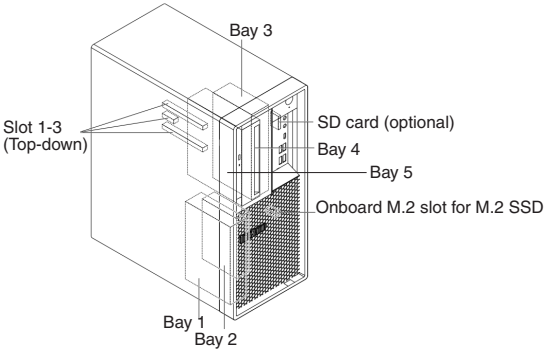
Components	Specification				
Form factor	18L Tower				
Dimensions	Height: 376 mm (14.8 in). Width: 165 mm (6.5 in). Depth: 328 mm (12.9 in)				
Weight	Maximum configuration: 28.22 lb (12.8kg)				
Processor	Supports one of the following processors:				
	Xeon E-2286G	6C/12T/4.0GHz/12MB/95W/DDR4-2666	400W PSU needed		
	Xeon E-2278G	8C/16T/3.4GHz/16MB/80W/DDR4-2666	400W PSU needed		
	Xeon E-2276G	6C/12T/3.8GHz/12MB/80W/DDR4-2666			
	Xeon E-2274G	4C/8T/4.0GHz/8MB/83W/DDR4-2666			
	Xeon E-2246G	6C/12T/3.6GHz/12MB/80W/DDR4-2666			
	Xeon E-2244G	4C/8T/3.8GHz/8MB/71W/DDR4-2666			
	Xeon E-2236	6C/12T/3.4GHz/12MB/80W/DDR4-2666			
	Xeon E-2234	4C/8T/3.6GHz/8MB/71W/DDR4-2666			
	Xeon E-2226G	6C/6T/3.4GHz/12MB/80W/DDR4-2666			
	Xeon E-2224G	4C/4T/3.5GHz/8MB/71W/DDR4-2666			
	Xeon E-2224	4C/4T/3.4GHz/8MB/71W/DDR4-2666			
	Xeon E-2186G	6C/12T/3.8GHz/12MB/95W/DDR4-2666	400W PSU needed		
	Xeon E-2174G	4C/8T/3.8GHz/8MB/71W/DDR4-2666			
	Pentium Gold G5620	2C/4T/4.0GHz/4MB/54W/DDR4-2400			
	Core i9-9900	8C/16T/3.1GHz/16MB/65W/DDR4-2666			
	Core i7-9700K	8C/8T/3.6GHz/12MB/95W/DDR4-2666	400W PSU needed		
	Core i7-9700	8C/8T/3.0GHz/12MB/65W/DDR4-2666			
	Core i7-8700	6C/12T/3.2GHz/12MB/65W/DDR4-2666			
	Core i5-9600K	6C/6T/3.7GHz/9MB/95W/DDR4-2666	400W PSU needed		
	Core i5-9600	6C/6T/3.1GHz/9MB/65W/DDR4-2666			
	Core i5-9500	6C/6T/3.0GHz/9MB/65W/DDR4-2666			
	Core i5-9400	6C/6T/2.9GHz/9MB/65W/DDR4-2666			
	Core i5-8500	6C/6T/3.0GHz/9MB/65W/DDR4-2666			
	Core i3-9300	4C/4T/3.7GHz/8MB/62W/DDR4-2400			
	Core i3-9100	4C/4T/3.6GHz/6MB/65W/DDR4-2400			
	Core i3-8300	4C/4T/3.7GHz/8MB/62W/DDR4-2400			
	Core i3-8100	4C/4T/3.6GHz/6MB/65W/DDR4-2400			
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 memeory				
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:				
	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
	Quadro P2000	5GB GDDR5	75W	4x DP	2
	Quadro P2200	5GB GDDR5X	75W	4x DP	2
	Quadro P5000	16GB GDDR5X	180W	DVI-D DL + 4x DP	1
	Quadro RTX 4000	8GB GDDR6	160W	3x DP, 1x VirtualLink	1
	Note: 2x Quadro P2000, Quadro P5000, or Quadro RTX 4000 needs 400W PSU				

Components	Specification
Storage Controller	Storage Controller
	Onboard Intel RST SATA RAID Std SATA 6Gb/s HDD or SSD 0/1
Storage Support	Onboard Intel RST PCIe RAID Std PCIe NVMe M.2 PCIe SSD 0/1
Storage Bays	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 used with HDD/SSD 1
Storage Bays	M.2 PCIe SSD PCIe NVMe 256GB/512GB/1TB 3
	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"
Media reader	Bay 4 5.25" Flex bay, supports one of the following:
	• Flex module for optional front eSATA/Thunderbolt/IEEE1394
	• 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
Network interfaces	M.2 3x M.2 SSD (1 onboard, 2 via PCIe to M.2 adapter)
	Optional SD card reader on most models
	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
Optional front ports (on flex module)	Notes: DP needs Core, Pentium, or -G suffix Xeon processor
Optional rear ports	2x Thunderbolt (USB Type-C), one of two ports supports video-out. 1x eSATA. 1x IEEE1394
	Supports the following via cable: 1x COM. 1x Parallel. 2x PS/2. 1x DP or 1x HDMI. 2x USB 2.0
Temperature	Supports the following via PCIe adapter: 4x COM. 2x USB 3.1 Type-C. 2x USB 3.0. 1x Thunderbolt. Notes: DP or HDMI needs Core, Pentium, or -G suffix Xeon processor
	Operating: 41 °F to 104 °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)

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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 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](#)



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