ThinkStation P330 Tower Gen 2 30CY0030RU

Product
ThinkStation P330 Tower Gen 2

Region
RUSSIA

Country/Region
Russia

Machine Type
30CY

TopSeller
TopSeller

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

Integrated Graphics
Intel UHD Graphics 630

Discrete Graphics
1x 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 8GB UDIMM DDR4-2666 Non-ECC

Internal Disk Drive
1x 1TB HDD 7200rpm 3.5" SATA6Gb/s

M.2 SSD Drive
None

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
Chassis Intrusion Switch

Cover Lock
None

Cable Lock
None

Dust Filter
None

Keyboard
USB Traditional Keyboard, Black, Russian

Mouse
USB Calliope Mouse

Power Supply
250W Platinum Fixed

System Management
Standard Manageability

Operating System
Windows 10 Pro 64, Russian

Bundled Software
None

Base Warranty
3-year, Onsite

Bundled Service
None

EAN / UPC / JAN
0193638419570

End of Support
2025-07-11

Announce Date
2019-06-11

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:

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	
Core i9-9900K	8C/16T/3.6GHz/16MB/95W/DDR4-2666	400W PSU needed
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 i7-8700K	6C/12T/3.7GHz/12MB/95W/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 i5-9400F	6C/6T/2.9GHz/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/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 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)

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:

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
Gefroce GTX 1660 Ti	6GB GDDR6	120W	1x DP, 1x HDMI, 1x DVI-D DL	1
Gefroce GTX 2070	8GB GDDR6	175W	3x DP, 1x HDMI, 1x VirtualLink	1
Gefroce GTX 2080	8GB GDDR6	215W	3x DP, 1x HDMI, 1x VirtualLink	1

Note: 2x Quadro P2000, Quadro P4000, Quadro P5000, Quadro RTX 4000, Gefroce cards needs 400W PSU

Storage Controller

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

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

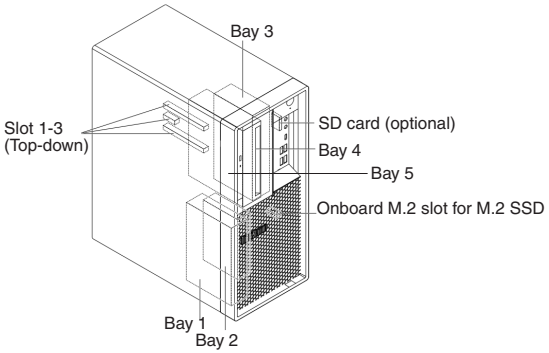
Bay 1	Primary disk bay, 3.5" or 2.5"
Bay 2	2.5" SATA bay, cannot be available when 2nd Quadro P2000 is used
Bay 3	Secondary disk bay, 3.5" or 2.5"
Bay 4	5.25" Flex bay, supports one of the following:
	• Flex module for optional front eSATA/Thunderbolt/IEEE1394
	• 3rd disk bay, 3.5" or 2.5", removable, 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
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 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

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

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 *Notes: DP needs Core, Pentium, or -G suffix Xeon processor*
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. *Notes: DP or HDMI needs Core, Pentium, or -G suffix Xeon processor*
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



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