# ThinkStation P330 Tower Gen 2 30CY002CFR

***Product***
ThinkStation P330 Tower Gen 2

***Region***
WE

***Country/Region***
France

***Machine Type***
30CY

***TopSeller***
TopSeller

***Processor***
Intel Core i5-9600 6C/6T/3.1GHz/9MB/65W/DDR4-2666

***Integrated Graphics***
Intel UHD Graphics 630

***Discrete Graphics***
None

***Monitor Cable***
None

***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***
None

***M.2 SSD Drive***
1x 256GB 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***
Chassis Intrusion Switch

***Cover Lock***
E-Lock

***Cable Lock***
Cable Lock

***Dust Filter***
None

***Keyboard***
USB Traditional Keyboard, 189 French

***Mouse***
USB Calliope Mouse

***Power Supply***
250W Platinum Fixed

***System Management***
Standard Manageability

***Operating System***
Windows 10 Pro 64, French

***Bundled Software***
None

***Base Warranty***
3-year, Onsite

***Bundled Service***
None

***EAN / UPC***
0193638413134

***End of Support***
2025-07-11

***Announce Date***
2019-06-11

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***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



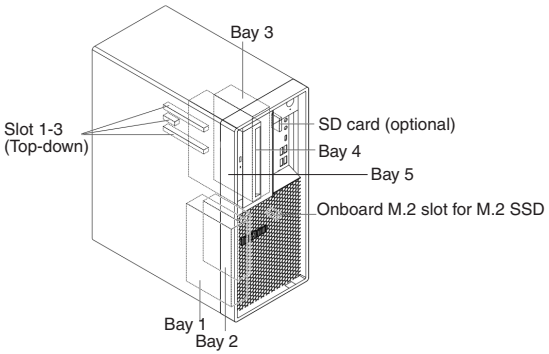
| Components | Specification |
|---|---|
| Form factor | 18L Tower |
| Dimensions | Height: 376 mm (14.8 in). Width: 165 mm (6.5 in). Depth: 328 mm (12.9 in) |
| Weight | Maximum configuration: 28.22 lb (12.8kg) |
| Processor | Supports one of the following processors:<br>Xeon E-2286G — 6C/12T/4.0GHz/12MB/95W/DDR4-2666 — 400W PSU needed<br>Xeon E-2278G — 8C/16T/3.4GHz/16MB/80W/DDR4-2666 — 400W PSU needed<br>Xeon E-2276G — 6C/12T/3.8GHz/12MB/80W/DDR4-2666<br>Xeon E-2274G — 4C/8T/4.0GHz/8MB/83W/DDR4-2666<br>Xeon E-2246G — 6C/12T/3.6GHz/12MB/80W/DDR4-2666<br>Xeon E-2244G — 4C/8T/3.8GHz/8MB/71W/DDR4-2666<br>Xeon E-2236 — 6C/12T/3.4GHz/12MB/80W/DDR4-2666<br>Xeon E-2234 — 4C/8T/3.6GHz/8MB/71W/DDR4-2666<br>Xeon E-2226G — 6C/6T/3.4GHz/12MB/80W/DDR4-2666<br>Xeon E-2224G — 4C/4T/3.5GHz/8MB/71W/DDR4-2666<br>Xeon E-2224 — 4C/4T/3.4GHz/8MB/71W/DDR4-2666<br>Xeon E-2186G — 6C/12T/3.8GHz/12MB/95W/DDR4-2666 — 400W PSU needed<br>Xeon E-2174G — 4C/8T/3.8GHz/8MB/71W/DDR4-2666<br>Core i9-9900K — 8C/16T/3.6GHz/16MB/95W/DDR4-2666 — 400W PSU needed<br>Core i9-9900 — 8C/16T/3.1GHz/16MB/65W/DDR4-2666<br>Core i7-9700K — 8C/8T/3.6GHz/12MB/95W/DDR4-2666 — 400W PSU needed<br>Core i7-9700 — 8C/8T/3.0GHz/12MB/65W/DDR4-2666<br>Core i7-8700 — 6C/12T/3.2GHz/12MB/65W/DDR4-2666<br>Core i5-9600K — 6C/6T/3.7GHz/9MB/95W/DDR4-2666 — 400W PSU needed<br>Core i5-9600 — 6C/6T/3.1GHz/9MB/65W/DDR4-2666<br>Core i5-9500 — 6C/6T/3.0GHz/9MB/65W/DDR4-2666<br>Core i5-9400 — 6C/6T/2.9GHz/9MB/65W/DDR4-2666<br>Core i5-8500 — 6C/6T/3.0GHz/9MB/65W/DDR4-2666<br>Core i3-9300 — 4C/4T/3.7GHz/8MB/62W/DDR4-2400<br>Core i3-9100 — 4C/4T/3.6GHz/6MB/65W/DDR4-2400<br>Core i3-8300 — 4C/4T/3.7GHz/8MB/62W/DDR4-2400<br>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<br>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:<br>Slot 1 — PCIe 3.0 x16, full height, half length, links to CPU<br>Slot 2 — PCIe 3.0 x1, full height, full length, links to PCH<br>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.<br>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:<br>Quadro P400 — 2GB GDDR5 — 30W — 3x miniDP — 2<br>Quadro P620 — 2GB GDDR5 — 40W — 4x miniDP — 2<br>Quadro P1000 — 4GB GDDR5 — 50W — 4x miniDP — 2<br>Quadro P2000 — 5GB GDDR5 — 75W — 4x DP — 2<br>Quadro P2200 — 5GB GDDR5X — 75W — 4x DP — 2<br>Quadro P4000 — 8GB GDDR5 — 105W — 4x DP — 1<br>Quadro P5000 — 16GB GDDR5X — 180W — DVI-D DL + 4x DP — 1<br>Quadro RTX 4000 — 8GB GDDR6 — 160W — 3x DP, 1x VirtualLink — 1<br>*Note: 2x Quadro P2000, Quadro P4000, Quadro P5000, or Quadro RTX 4000 needs 400W PSU* |

| Components | Specification |
|---|---|
| Storage Controller | Storage Controller — Type — Interface — Disk Type — RAID<br>Onboard Intel RST SATA RAID — Std — SATA 6Gb/s — HDD or SSD — 0/1/10/5<br>Onboard Intel RST PCIe RAID — Std — PCIe NVMe — M.2 PCIe SSD — 0/1 |
| Storage Support | Disk Type — Interface — RPM — Offering — Max Qty<br>3.5" SATA HDD — SATA 6Gb/s — 7.2K — 1TB/2TB/4TB — 3<br>2.5" SATA HDD — SATA 6Gb/s — 7.2K — 500GB FIPS — 4<br>2.5" SATA SSD — SATA 6Gb/s — — 256GB/512GB/1TB — 4<br>Optane Memory — PCIe NVMe — — 32GB — 1, used with HDD/SSD<br>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<br>Bay 1 — Primary disk bay, 3.5" or 2.5"<br>Bay 2 — 2.5" SATA bay, cannot be available when 2nd Quadro P2000 is used<br>Bay 3 — Secondary disk bay, 3.5" or 2.5"<br>Bay 4 — 5.25" Flex bay, supports one of the following:<br>• Flex module for optional front eSATA/Thunderbolt/IEEE1394<br>• 3rd disk bay, 3.5" or 2.5", removable, via Front Access Storage Enclosure, using SATA 4 connector as eSATA mode<br>• 3rd disk bay, 3.5" or 2.5", via 5.25" to 3.5" HDD Kit<br>Bay 5 — 9mm Slim ODD bay<br>M.2 — 3x M.2 SSD (1 onboard. 2 via PCIe to M.2 adapter) |
| 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.<br>vPro also requires Wireless-AC 9560 if Wi-Fi is needed |
| Intel AMT | Intel Active Management Technology 12 on Xeon models,<br>Intel Standard Manageability on other models |
| Base warranty | US models comes with 3-year limited onsite service with 9x5/NBD.<br>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.<br>1x Audio line-out<br>*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.<br>1x eSATA. 1x IEEE1394 |
| Optional rear ports | Supports the following via cable:<br>1x COM. 1x Parallel. 2x PS/2. 1x DP or 1x HDMI. 2x USB 2.0<br>Supports the following via PCIe adapter:<br>4x COM. 2x USB 3.1 Type-C. 2x USB 3.1 Gen 1. 1x Thunderbolt.<br>*Notes: DP or HDMI needs Core, Pentium, or -G suffix Xeon processor* |
| Temperature | Operating: 50 °F to 95 °F (10 °C to 35 °C)<br>Non operating (no package): 14 °F to 140 °F (-10 °C to 60 °C)<br>Non operating (with package): -40 °F to 140 °F (-40 °C to 60 °C) |

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

| Components | Specification |
|---|---|
| Altitude | Operating: -15.2 m (-50 ft) to 3048 m (10 000 ft).<br>Storage: -15.2 m (-50 ft) to 10, 668 m (35 000 ft) |
| Humidity | Operating: 30%~90%, non-condensing<br>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.<br>Climate Savers Computing Platinum and 80 PLUS Platinum qualified.<br>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















