ThinkStation P330 SFF Gen 2 30D1001VIX

Product
ThinkStation P330 SFF Gen 2

Region
WE

Country/Region
Italy

Machine Type
30D1

TopSeller
TopSeller

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

Memory
1x 8GB UDIMM DDR4-2666 Non-ECC

Processor Graphics
Intel UHD Graphics 630

Discrete Graphics Card
None

Monitor Cable
None

Storage Controller
Onboard Intel RST SATA RAID

M.2 SSD RAID Controller
Onboard Intel RST PCIe RAID

Internal Disk
1x 256GB SSD 2.5" SATA6Gb/s Opal

Optane Memory
None

M.2 SSD Drive
None

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
None

Cable Lock
Cable Lock

E-Lock
E-Lock

Stand
None

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, Italian

Mouse
USB Calliope Mouse

Power Supply
260W Platinum Fixed

System Management
Standard Manageability

Operating System
Windows 10 Pro 64, WE (EN/FR/DE/NL/IT)

Bundled Software
None

Base Warranty
3-year, Onsite

Bundled Service
None

Global
No

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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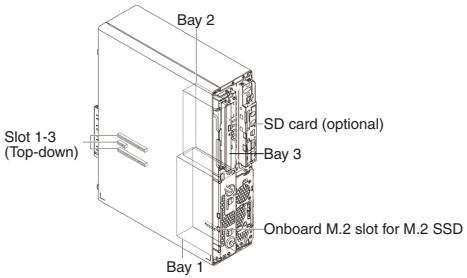
ThinkStation P330 SFF Gen 2 (30D1 and 30D2) Platform Specifications

Components	Specification
Form factor	8.4L mini-tower
Dimensions	Height: 343.5 mm (13.5 in). Width: 92.5 mm (3.6 in). Depth: 305.6 mm (12 in)
Weight	Maximum configuration: 13.23 lb (6.0kg)
Processor	Supports one of the following processor: Xeon E-2278G 8C/16T/3.4GHz/16MB/80W/DDR4-2666 (260W 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-2174G 4C/8T/3.8GHz/8MB/71W/DDR4-2666 Core i9-9900 8C/16T/3.1GHz/16MB/65W/DDR4-2666 Core i7-9700 8C/8T/3.0GHz/12MB/65W/DDR4-2666 Core i7-8700 6C/12T/3.2GHz/12MB/65W/DDR4-2666 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 Pentium Gold G5620 2C/4T/4.0GHz/4MB/54W/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, low profile, links to CPU Slot 2: PCIe 3.0 x1, low profile, links to PCH Slot 3: PCIe 3.0 x16 (negotiable link width x4), low profile, links to PCH
Processor graphics	Integrated Intel UHD Graphics P630 in -G suffix Xeon processors, or Intel UHD Graphics 630 in Core i5 or i3 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 card	Up to two PCIe 3.0 x16 slots for discrete graphics adapter (Slot 1 and 3). Supports the following graphics adapters: Adapter / Cores / Memory / Power / Connectors / Max qty Quadro P400 / 256 / 2GB GDDR5 / 30W / 3x miniDP / 2 Quadro P620 / 512 / 2GB GDDR5 / 40W / 4x miniDP / 2 Quadro P1000 / 640 / 4GB GDDR5 / 47W / 4x miniDP / 2
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 *Notes: M.2 SSD support is limited, please see Storage bay section for more information*
Storage Support	Disk Type / Interface / RPM / Offering / Max Qty 3.5" SATA HDD / SATA 6Gb/s / 7.2K / 1TB/2TB/4TB / 1 2.5" SATA HDD / SATA 6Gb/s / 7.2K / 500GB FIPS / 2 2.5" SATA SSD / SATA 6Gb/s / / 256GB/512GB/1TB / 2 Optane Memory / PCIe NVMe / / 32GB / 1, used with HDD/SSD M.2 PCIe SSD / PCIe NVMe / / 256GB/512GB/1TB / 3

Components	Specification
Storage bay	Up to 3 bays with two disk bays and one slim optical bay: Bay 1: Primary 3.5" SATA bay Bay 2: 2.5" SATA bay (Optional) Bay 3: 9mm Slim ODD bay M.2: 3x M.2 SSD (1 onboard. 2 via PCIe to M.2 adapter) *Notes: Support 1x M.2 SSD at present, 3x M.2 SSD support is pending availability*
M.2 slot for Wi-Fi and 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
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
Security features	Power-on and admin password. Trusted Platform Module, TCG 2.0 compliant. Optional chassis intrusion switch, 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 *Notes: DP needs Core, Pentium, or -G suffix Xeon processor*
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. *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 210W or 260W power supply. 210W is 100V - 240V, 85% PSU, Climate Savers Computing Bronze and 80 PLUS Bronze qualified. 260W is 100V - 240V, 92% PSU, Climate Savers Computing Platinum and 80 PLUS Platinum qualified
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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