ThinkStation P340 Tower 30DH000NCA

Product

ThinkStation P340 Tower

Region

NA

Country/Region

Canada

Machine Type

30DH

TopSeller

TopSeller

Processor

Intel Core i5-10500 (6C / 12T, 3.1 / 4.5GHz, 12MB)

Integrated Graphics

Intel UHD Graphics 630

Discrete Graphics

None

Chipset

Intel W480

HDD Controller

Onboard Intel RST SATA RAID

M.2 SSD RAID Controller

Onboard Intel RSTe PCIe

Memory

1x 16GB UDIMM DDR4-2933 non-ECC

Internal Disk Drive

None

M.2 SSD Drive

1x 512GB SSD M.2 PCIe NVMe Opal

Optane Memory

None

Optical

9.0mm DVD±RW

Media Reader

SD Reader

Onboard Ethernet

1x GbE RJ-45

Additional Ethernet

None

WLAN + Bluetooth

None

Optional Rear Ports

1x Video port, DP

Chassis Intrusion Switch

None

Cover Lock

None

Cable Lock

None

Keyboard

USB Traditional Keyboard, Black, French

Mouse

USB Calliope Mouse

Power Supply

500W 92%

System Management

Intel vPro with AMT 14

Operating System

Windows 10 Pro 64, French

Bundled Software

None

Base Warranty

3-year, Onsite

Bundled Service

None

EAN/UPC/JAN

195042708820

End of Support

2028-07-30

Announce Date

2020-06-09

Recommended Services

Best

4Y Lenovo Protect (Premier Support + Keep Your Drive + Accidental Damage Protection) (5PS0N73191)

Better

4Y Lenovo Support (Premier Support + Keep Your Drive) (5PS0N73243)

Good

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

Notes:

California Electronic Waste Recycling Fee

In California, per state law, Lenovo charges an electronic waste recycling fee on this covered device at the time of sale of the product. For more information, go to: https://www.calrecycle.ca.gov/Electronics/Consumer

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ThinkStation P340 Tower Platform Specifications

Components	Specification									Components	Specification		
Form factor	17L Tower											Disk Type In	
Dimensions	Height: 376 mm (14.8 in). Width: 170 mm (6.7 in). Depth: 315.35 mm (12.4 in)											3.5" SATA HDD SA	
Weight	Maximum confid								\ /		Storage Support	2.5" SATA HDD SA	
Processor Sockets			JII. 20.00	10 (0.00	ng)						Ctorago Capport	2.5" SATA SSD SA	
Processor Support			i0 i7 i5	or i3 n	200000	r						M.2 PCIe SSD PC	
1 100essor Support	Processor	r i		Base	1		Memory		Processor		1	Optan	e Memory PC
Processor	Number	Cores	Threads F	requency	, Cache	TDP	Types	ECC	Graphics	vPro		Bay 1	First 3.5" disk
	Xeon W-1290P	10	20	3.7GHz		125W	DDR4-2933	Yes	UHD P630	Yes		Bay 2	First 2.5" SATA
	Xeon W-1290	10	20	3.2GHz	20MB		DDR4-2933		UHD P630	Yes		Bay 3	Secondary 3.5
	Xeon W-1270P	8	16	3.8GHz			DDR4-2933		UHD P630	Yes	Storage Bays	_	Secondary 2.5
	Xeon W-1270	8	16	3.4GHz			DDR4-2933		UHD P630	Yes	go = u, c		9mm Slim OD
	Xeon W-1250P	6	12	4.1GHz			DDR4-2666		UHD P630	Yes			Media reader
	Xeon W-1250 Core i9-10900K	6 10	12 20	3.3GHz 3.7GHz			DDR4-2666 DDR4-2933	Yes No	UHD P630 UHD 630	Yes Yes		_	
	Core i9-10900K	10	20	2.8GHz	20MB		DDR4-2933 DDR4-2933		UHD 630	Yes		_	4x M.2 SSD (2
	Core i7-10700K	8	16	3.8GHz			DDR4-2933	No	UHD 630	Yes	Media reader		al SD reader o
	Core i7-107001	8	16	2.9GHz			DDR4-2933		UHD 630	Yes			nboard GbE po
	Core i5-10600K	6	12	4.1GHz			DDR4-2666		UHD 630	Yes	interfaces	Wake-on-LAN. Option	
	Core i5-10600	6	12	3.3GHz			DDR4-2666		UHD 630	Yes	WLAN +	Optional Intel Wi-Fi 6 Bluetooth 5	
	Core i5-10500	6	12	3.1GHz			DDR4-2666		UHD 630	Yes	Bluetooth		
	Core i5-10400	6	12	2.9GHz			DDR4-2666		UHD 630	No	0	Power-on and admin Optional chassis intr lock Supports Intel vPro	
	Core i3-10320	4	8	3.8GHz	8MB		DDR4-2666		UHD 630	No	Security teatures		
	Core i3-10300	4	8	3.7GHz	8MB		DDR4-2666		UHD 630	No			
01: 1	Core i3-10100	4	8	3.6GHz	6MB	65W	DDR4-2666	No	UHD 630	No	Intel vPro		ilso requires A)
Chipset	Intel W480 Chip												•
Memory Sockets	4 DIMM sockets with 2 channels									Intel AMT		ctive Managen tandard Manag	
Memory Types	8GB/16GB/32GB DDR4-2933 UDIMM ECC, or 4GB/8GB/16GB/32GB DDR4-2933 UDIMM non-ECC								Base warranty	Most models comes Other models may ha			
Memory Capacity	128GB										HD Audio		D Audio interfa
Memory Protection					CPU are	need	ied						B-A 3.2 Gen 1,
	Three PCIe 3.0	slots	as follow	ng:							Front ports	Combo	
	Slot 1 PCIe 3.0	x16. f	ull heiaht	. full len	ath. link	s to C	PU				Rear ports		B-A 3.2 Gen 1,
Expansion slots													dio line-out
	Slot 2 PCle 3.0 x1, full height, full length, links to PCH Slot 3 PCle 3.0 x16 (negotiable link width x4), full height, full length, links to PCH											rts the followin	
											Ontional room	1x COM, 1x Parallel,	
	Intograted Intol	I II ID		Integrated Intel UHD Graphics P630 in Xeon processors, or Intel UHD Graphics 630 in Core processors									
	Integrated Intel	UHD	Graphics	P630 III	Xeon p	proces	sors, or Int	el UF	ID Graphic	s 630	ports	Suppo	rts the followin
Processor graphics	in Core process	sors.									ports	Suppo 4x CO	M*, 1x USB-C
Processor graphics	in Core process	sors. th disc	rete grap	ohics to	support	multi-	-display, en	ables	three rea	r	ports	Suppo 4x CO Notes: 4	M*, 1x USB-C x COM and 2x USB
Processor graphics	in Core process Works along wi	sors. th diso tors (2	rete grap	ohics to	support	multi-	-display, en	ables	three rea	r	ports	Suppo 4x CO Notes: 4: Operat	M*, 1x USB-C x COM and 2x USB ting: 50 °F to 9
Processor graphics	in Core process Works along windisplay connect HDMI, or USB-	sors. th disc tors (2 C)	crete grap DP stan	ohics to s dard, 1 v	support video po	multi-	-display, en ional (Vide	ables o por	three rea	r P,	ports Temperature	Suppo 4x COI Notes: 4: Operat Non op	M*, 1x USB-C x COM and 2x USB ting: 50 °F to 9 perating (no pa
Processor graphics	in Core process Works along wi display connect	sors. th disc tors (2 C)	rete grap	ohics to s dard, 1 v	support	multi-	-display, en	ables o por	three rea	r	ports	Suppo 4x CO Notes: 4: Operat Non op Non op	M*, 1x USB-C x COM and 2x USB ting: 50 ° F to 9 perating (no pa perating (with p
Processor graphics	in Core process Works along windisplay connect HDMI, or USB-	sors. th disc tors (2 C)	DP stan	ohics to s dard, 1 v	support video po	multi-	-display, en ional (Vide	ables o portector	three rea	r P, Max	ports	Suppo 4x CO Notes: 4: Operat Non op Non op Operat	M*, 1x USB-C x COM and 2x USB ting: 50 °F to 9 perating (no pa perating (with p ting: -15.2 m (-1
	in Core process Works along wi display connect HDMI, or USB-	sors. th disc tors (2 C)	DP standard	ohics to s dard, 1 v	support video po Power	multi-	-display, en ional (Video Conne	ables o portector	three rea	r P, Max Qty	Temperature Altitude	Suppo 4x COI Notes: 4: Operat Non op Non op Operat Storag	M*, 1x USB-C x COM and 2x USB ting: 50 °F to 9 perating (no pa perating (with p ting: -15.2 m (-50 e: -15.2 m (-50
Discrete Graphics	in Core process Works along wi display connect HDMI, or USB- Graphics Quadro P400	sors. th disc tors (2 C)	Men 2GB G 2GB G	ohics to sidard, 1 v	support video po Power 30W	multi-	-display, en ional (Video Conne 3x mir	ables o portector niDP niDP	three rea	r P, Max Qty 2	Temperature	Suppo 4x COI Notes: 4: Operat Non op Non op Operat Storag	M*, 1x USB-C x COM and 2x USB ting: 50 °F to 9 ocrating (no pa perating (with p ting: -15.2 m (-50 ting: 30%~90%
Discrete Graphics	in Core process Works along wi display connect HDMI, or USB- Graphics Quadro P400 Quadro P620	sors. th disc tors (2 C)	Men 2GB G 2GB G 4GB G	ohics to sidard, 1 vinory	Support video po Power 30W 40W	multi-	-display, encional (Video	ables o portector niDP niDP	three rea	Max Qty 2 2	Temperature Altitude Humidity	Suppo 4x CO Notes: 4: Operat Non op Non op Operat Storag Operat Storag	M*, 1x USB-C x COM and 2x USB ting: 50 °F to 9 berating (no pa berating (with pa ting: -15.2 m (-50 ting: 30%~90% e (with packag
Discrete Graphics	in Core process Works along wi display connect HDMI, or USB- Graphics Quadro P400 Quadro P620 Quadro P1000	sors. th disc tors (2 C)	Men 2GB G 2GB G 4GB G 5GB GI	nory DDR5 DDR5 DDR5 DDR5 DDR5 DDR5 DDR5X	Power 30W 40W 50W	multi- ort opt	-display, encional (Video Conne 3x mir 4x mir 4x mir	ables o portector niDP niDP niDP	three rea	P, Max Qty 2 2 2	Temperature Altitude Humidity Environmental	Suppo 4x CO Notes: 4: Operat Non op Non op Operat Storag Operat Storag	M*, 1x USB-C x COM and 2x USB ting: 50 °F to 9 berating (no pa berating (with pa ting: -15.2 m (-50 ting: 30%~90% e (with packag
Discrete Graphics	in Core process Works along wi display connect HDMI, or USB- Graphics Quadro P400 Quadro P620 Quadro P1000 Quadro P2200	sors. th disc tors (2 C)	Men 2GB G 2GB G 4GB G 5GB GI 8GB G	nory iDDR5 iDDR5 iDDR5 iDDR5 iDDR5 DDR5X	Power 30W 40W 50W 75W	multi- ort opt	-display, en. ional (Video Conne 3x mir 4x mir 4x mir 4x E	ables o portector niDP niDP niDP)P	three rea t can be D	Max Qty 2 2 2	Temperature Altitude Humidity	Suppo 4x CO Notes: 4: Operat Non op Non op Operat Storag Operat Storag RoHS-	M*, 1x USB-C x COM and 2x USB ting: 50 °F to 9 perating (no pa perating (with pting: -15.2 m (-50 ting: 30%~90% e (with packag)-compliant, EPI
Discrete Graphics	in Core process Works along wi display connect HDMI, or USB- Graphics Quadro P400 Quadro P620 Quadro P1000 Quadro P2200 Quadro RTX 40	sors. th disc tors (2 C) s	Men 2GB G 2GB G 4GB G 5GB GI 8GB G 16GB C	nory aDDR5 aDDR5 aDDR5 aDDR5 aDDR5 aDDR5X aDDR6 aDDR6	support video po Power 30W 40W 50W 75W 160W 265W	multi- ort opt	-display, en. ional (Video Conne 3x mir 4x mir 4x mir 4x E 3x DP, 1x V	ables o portector niDP niDP niDP)P	three rea t can be D	Max Qty 2 2 2 2	Temperature Altitude Humidity Environmental	Suppo 4x CO Notes: 4: Operat Non op Non op Operat Storag Operat Storag RoHS- Suppo	M*, 1x USB-C x COM and 2x USB ting: 50 °F to 9 berating (no pa perating (with pting: -15.2 m (-ie: -15.2 m (-50 ting: 30%~90% e (with packag compliant, EPI rts one of the f
Discrete Graphics	in Core process Works along wi display connect HDMI, or USB Graphics Quadro P400 Quadro P620 Quadro P1000 Quadro P2200 Quadro RTX 40 Quadro RTX 50	sors. th disc tors (2 C) s	Men 2GB G 2GB G 4GB G 5GB GI 8GB G 16GB C	nory aDDR5 aDDR5 aDDR5 aDDR5 aDDR5 aDDR5X aDDR6 aDDR6	Power 30W 40W 50W 75W 160W 265W	multi- prt opt	display, en- ional (Video Conne 3x mir 4x mir 4x mir 4x E 3x DP, 1x V	ables o portector niDP niDP niDP OP firtual	three rea t can be D	Max Qty 2 2 2 2	Temperature Altitude Humidity Environmental certification	Suppo 4x CO Notes: 4: Operat Non op Non op Operat Storag Operat Storag RoHS- Suppo • 36	M*, 1x USB-C x COM and 2x USB ting: 50 °F to 9 cerating (no pa perating (with pting: -15.2 m (-50 ting: 30%~90% e (with packag -compliant, EPI rts one of the foow, 90% PSU
Discrete Graphics Offering	in Core process Works along wi display connect HDMI, or USB Graphics Quadro P400 Quadro P620 Quadro P1000 Quadro P2200 Quadro RTX 40 Quadro RTX 50 Notes: RTX 4000/RT Storage Control	sors. th disc tors (2 C) s	Men 2GB G 2GB G 4GB G 5GB GI 8GB G 16GB C 2x P2200 ne	ohics to sidard, 1 vinory aDDR5 aDDR5 aDDR5 aDDR5 aDDR5 aDDR6 addr	Power 30W 40W 50W 75W 160W 265W PSU. Inter	multi- prt opt	Conne 3x mir 4x mir 4x mir 4x DP, 1x V	ables o port ector niDP niDP inDP rirtual irtual	three rea t can be D	Max Qty 2 2 2 2 1	Temperature Altitude Humidity Environmental certification Power supply	Suppo 4x CO Notes: 4: Operat Non op Non op Operat Storag Operat Storag RoHS- Suppo • 30 • 50	rts the following M*, 1x USB-C x COM and 2x USB becausing for 50 °F to 9 operating (with parting: -15.2 m (-100 ting: 30% -90% te (with packag) recompliant, EPI rts one of the foody, 90% PSU oow, 92% PSU e visit www.thin
Discrete Graphics	in Core process Works along wi display connect HDMI, or USB Graphics Quadro P400 Quadro P620 Quadro P1000 Quadro P2200 Quadro RTX 40 Quadro RTX 50 Notes: RTX 4000/RT	sors. th disc tors (2 C) s	Men 2GB G 2GB G 4GB G 5GB GI 8GB G 16GB C 2x P2200 n	oblics to sidderd, 1 victorial formation of the control of the con	Power 30W 40W 50W 75W 160W 265W PSU. Inter	multi- prt opti	Conne 3x mir 4x mir 4x mir 4x DP, 1x V	ables o por ector niDP niDP iiDP irtual irtual	Link Link O/1/10/5	Max Qty 2 2 2 2 1	Temperature Altitude Humidity Environmental certification Power supply	Suppo 4x COI Notes: 4: Operat Non op Non op Operat Storag Operat Storag RoHS- Suppo • 30 • 50 Please	M*, 1x USB-C x COM and 2x USB ting: 50 °F to perating (no pa perating (with pting: -15.2 m (-50 ting: 30%~90% re (with packag)-compliant, EPI rts one of the foow, 92% PSL e visit www.thin

Components	Specification									
Storage Support	Disk Type	Interface	RPM	Offering	Max Qty					
	3.5" SATA HDD	SATA 6Gb/s		1TB/2TB/4TB/6TB	2					
	2.5" SATA HDD	SATA 6Gb/s	7.2K	1TB FIPS	4					
	2.5" SATA SSD	SATA 6Gb/s	-	512GB/1TB	4					
	M.2 PCIe SSD	PCIe NVMe	-	256GB/512GB/1TB/2TB	4					
	Optane Memory PCIe NVMe - 16GB 1									
Storage Bays	Bay 1 First 3.5" disk bay									
	Bay 2 First 2.5" SATA bay									
	Bay 3 Secondary 3.5" disk bay									
	Bay 4 Secondary 2.5" disk bay									
	Bay 5 9mm Slim									
	Bay 6 Media read									
		M.2 4x M.2 SSD (2 onboard. 2 via PCle to M.2 adapter)								
Media reader	Optional SD 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	Optional Intel Wi-Fi 6 AX201, 2x2, 2.4GHz/5GHz (160MHz channels), WiFi 6, Bluetooth 5									
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 and selected Core i7 or i5 models. vPro also requires AX201 if Wi-Fi function is needed									
Intel AMT	Intel Active Management Technology 14 on vPro models, Intel Standard Manageability on other models									
Base warranty	Most models comes with 3-year limited onsite service with 9x5/NBD. Other models may have 1 or 2-year limited onsite service									
HD Audio	Intel HD Audio interface with Realtek ALC623 Codec									
Front ports	2x USB-A 3.2 Gen 1, 2x USB-A 3.2 Gen 2, 1x USB-C 3.2 Gen 1, 1x Mic-in, 1x Combo jack									
Rear ports	2x USB-A 3.2 Gen 1, 2x USB-A 2.0, 1x RJ-45, 1x COM, 2x DP, 1x Audio line-out									
Optional rear ports	Supports the following via cable: 1x COM, 1x Parallel, 2x PS/2, 1x video (DP, HDMI, or USB-C), 2x USB 2.0, Supports the following via PCle adapter: 4x COM*, 1x USB-C 3.2 Gen 2, 2x USB-A 3.2 Gen 1*, 1x Thunderbolt Notes: 4x COM and 2x USB-A 3.2 Gen 1 are special bids only.									
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,	EPEAT Silve	r ratin	g, and ENERGY STAR 8 qua	alified					
Power supply	Supports one of the following: • 300W, 90% PSU, 100V - 240V, 80 PLUS Gold qualified • 500W, 92% PSU, 100V - 240V, 80 PLUS Platinum qualified									
	Please visit www.	<u>thinkworkstat</u>	ions.c	om/isv-certifications/						
Note: 1. Depending on many	factors, actual data trans	fer speed mentior	ned on t	his page may be lower than theoretica	al speed.					











