

ThinkStation P620 30E0003FUS

Product
ThinkStation P620

Region
NA

Country/Region
USA

Machine Type
30E0

TopSeller
TopSeller

Processor
AMD Ryzen Threadripper PRO 3955WX (16C / 32T, 3.9 / 4.3GHz, 8MB L2 / 64MB L3)

Discrete Graphics
NVIDIA Quadro RTX 4000 8GB

Chipset
AMD WRX80

Memory
2x 16GB RDIMM DDR4-3200 ECC

HDD Controller
Integrated SATA controller

M.2 SSD RAID Controller
Integrated NVMe controller

Internal Disk Drive
None

M.2 SSD Drive
1x 512GB SSD M.2 PCIe 4.0 NVMe Opal (available later)

Optical
9.0mm DVD±RW

Media Reader
15-in-1 Card Reader

Onboard Ethernet
1x 10GbE RJ-45

Additional Ethernet
None

WLAN + Bluetooth
None

Optional Rear Ports
None

Chassis Intrusion Switch
Chassis Intrusion Switch

Cover Lock
Lock Kit with Common Key

Keyboard
USB Traditional Keyboard, Black, English

Mouse
USB Calliope Mouse

Power Supply
1000W Platinum Fixed

Diagnostic
Front 4-Digit Diagnostic LED

System Management
AMD PRO

Operating System
Windows 10 Pro 64, English

Bundled Software
None

Base Warranty
3-year, Onsite

Bundled Service
3Y Premier Support Upgrade from 3Y Onsite (5WS0U26649)

EAN / UPC / JAN
195348237451

End of Support
2028-10-04

Announce Date
2020-09-04

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 P620 Platform Specifications

Product Specifications Reference (PSREF)

Form factor	33L Tower													
Dimensions	165mm/6.5" W x 460mm/18.1" D x 446mm/17.6" H (with feet)													
Weight	Maximum configuration: 52.91 lb (24kg)													
Processor Support	Processor	# of Cores	# of Threads	Base Frequency	Cache	TDP	Memory Types							
	AMD Ryzen Threadripper PRO 3995WX	64	128	2.7GHz	256MB L3	280W	DDR4-3200							
	AMD Ryzen Threadripper PRO 3975WX	32	64	3.5GHz	128MB L3	280W	DDR4-3200							
	AMD Ryzen Threadripper PRO 3955WX	16	32	3.9GHz	64MB L3	280W	DDR4-3200							
	AMD Ryzen Threadripper PRO 3945WX	12	24	4.0GHz	64MB L3	280W	DDR4-3200							
Processor Sockets	1x Socket sWRX4													
Chipset	AMD WRX80													
Memory Sockets	8 DIMM sockets with 8 channels													
Memory Types	DDR4-3200 RDIMM ECC, 16GB / 32GB / 64GB available													
Memory Capacity	512GB with 8 x 64GB DDR4-3200 RDIMMs													
Memory Protection	ECC													
Expansion slots	Slot 1 (CPU)	PCIe 4.0 x16, full height, full length												
	Slot 2 (CPU)	PCIe 4.0 x8, full height, full length												
	Slot 3 (CPU)	PCIe 4.0 x16, full height, full length												
	Slot 4 (CPU)	PCIe 4.0 x16, full height, full length												
	Slot 5 (CPU)	PCIe 4.0 x16, full height, full length												
	Slot 6 (IOH)	PCIe 4.0 x8, full height, full length												
Discrete Graphics Offering	Graphics	Memory	Power	Connector	SLI / NVLink	Max Qty								
	Quadro P620	2GB GDDR5	40W	4xminiDP	-	4								
	Quadro P1000	4GB GDDR5	50W	4xminiDP	-	4								
	Quadro P2200	5GB GDDR5	75W	4xDP	-	4								
	Quadro RTX 4000	8GB GDDR6	160W	3xDP, 1xVirtualLink	-	4								
	Quadro RTX 5000	16GB GDDR6	265W	4xDP, 1xVirtualLink	NVLink	2								
	Quadro RTX 6000	24GB GDDR6	295W	4xDP, 1xVirtualLink	NVLink	2								
	Quadro RTX 8000	48GB GDDR6	295W	4xDP, 1xVirtualLink	NVLink	2								
Storage Controller	Storage Controller	Type	Interface	RAID	Cache									
	Integrated SATA controller	Std	SATA 6Gb/s	0/1/10/5	-									
	Integrated NVMe controller	Std	PCIe NVMe	0/1/10/5	-									
Storage Type	Disk Type	Interface	RPM	Offering										
	3.5" SATA HDD	SATA 6Gb/s	7.2K	1TB/2TB/4TB										
	M.2 PCIe SSD	PCIe 3.0 NVMe	-	256GB/512GB/1TB/2TB										
	M.2 PCIe SSD	PCIe 4.0 NVMe*	-	256GB/512GB/1TB										
* M.2 PCIe 4.0 SSD is available later this year														
Storage Support	Up to 5x 3.5" SATA HDD: • 4x 3.5" HDD bay • 1x Flex Bay (Front Access Storage Enclosure or 5.25" Slim ODD and HDD cage)													
	Up to 11x M.2 SSD: • 2 via onboard M.2 • 8 via two quad M.2 to PCIe adapter (only supports PCIe 3.0 SSD) • 1 via Single M.2 to PCIe adapter (only supports PCIe 3.0 SSD)													
	Power supply													
One fixed 1000W, autosensing, 92%, 80 PLUS Platinum qualified														
Optical														
Optional one slim optical, DVD or DVD±RW														
Media reader														
Optional UHS-II 15-in-1 USB 3.2 Gen 1 reader on flex module														
Network interfaces														
Integrated one 10GbE ethernet (Marvell AQtion AQN-107). Optional PCIe ethernet or wireless adapters are available														
WLAN + Bluetooth														
Optional Intel Wireless-AC 9260, 2x2, 2.4GHz/5GHz, 802.11ac, Bluetooth 5.1														

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