



Cadalyst Labs Workstation Review

Lenovo

ThinkStation P500 30A7000TUS

www.lenovo.com

855.253.6683

Cadalyst Rating: A — Highly Recommended.

Estimated street price, as delivered	\$3,174
Dimensions (HxWxD in inches)	6.89" x 18.5" x 17.32" (WxDxH)
Weight (lbs)	48.94 lbs
CPU type	Intel Xeon E5-1630 v3
CPU speed	3.7 GHz
L2 cache-size/speed	10 MB
Motherboard vendor	Contact company
Motherboard model	Contact company
Memory type/speed	2,133-MHz ECC RDIMM DDR4
Memory, as tested and max	16 GB, 256 GB
Memory sockets, total/free	8/4
Supports ECC memory?	Yes
System BIOS, date	A4KT55AUS 10-30-14
Power supply vendor	Multiple suppliers
Power supply capacity	490W (can support 650W and 850W also)
Hard drive vendor	Seagate, Samsung
Hard drive type	1TB HDD, 256GB SSD
Hard drive size	1TB, 256GB
Sound card	Realtek ALC662 codec
Pointing device	ThinkPad USB Laser Mouse
Graphics bus (AGP, PCI-Express)	PCIe
Expansion slots provided (PCI-Express/PCI/PCI-ISA/ISA)	5 PCIe: (2) x16, (2) x4, (2) x1, (1) PCI
Expansion slots filled (PCI-Express/PCI/PCI-ISA/ISA)	1 PCIe x16
Drive bays accessible (5.25"/3.5"/2.5")	(4) 3.5" internal bays, up to (3) 5.25" external bays
Drive bays internal (5.25"/3.5"/2.5")	(4) 3.5" internal bays, each capable of holding 2 drives each
USB Ports (2.x/3.x)/Firewire	4 USB 2.0, 8 USB 3.0
Serial/parallel	9-pin serial
MIDI/game	Yes
External SCSI	No
Network card/modem	Intel i217LM Gigabit Ethernet
Graphics card bus (AGP/PCI)	PCIe
Graphics card model	NVIDIA Quadro K4200

Graphics card onboard memory	4GB
Graphic card driver version	347.25
Graphics card 3D resolution, maximum	3840x2160 at 60Hz using DP
Special AutoCAD driver/version	No
Warranty: labor/parts/on-site (months)	3-years parts and labor
24-hour replacement parts?	No
24-hour telephone support?	Yes
Return policy/restocking fee	Contact company
Is product certified for use with CAD-related software applications? Yes/No	Yes
If yes, please include a URL indicating which vendors/applications, or list the information and indicate "Contact company for more information."	For a full list, please visit: http://support.lenovo.com/au/en/downloads/ds101481
CADALYST REVIEW RESULTS	
C2015 (1,920 x 1,280)	
Total Index	602
3D Index	1,412
2D Index	395
Disk Index	274
CPU Index	327
SPEC Viewperf 12 (1920x1080)	
catia-04	70.35
creo-01	61.07
energy-01	3.14
maya-04	58.80
medical-01	22.01
showcase-01	36.38
snx-02	104.87
sw-03	98.15