

## Cadalyst Labs Workstation Review Specification Sheet

Computer Direct Outlet

Volta Pro VP1

<http://computerdirectoutlet.com/business/customize/Volta-Pro-VP1-Professional-Workstation/>  
866.288.8507

Cadalyst Rating: A, Highly Recommended.

Estimated street price, as delivered	\$3,208 as configured (starts at \$1,628)
Dimensions (HxWxD in inches)	15.5" x 8.3" x 19.3"
Weight (lbs)	31
CPU type	Core i7-4790K Overclocked
CPU speed	4.5 GHz
L3 cache-size/speed	1 MB L2 / 8 MB L3
Motherboard vendor	Asus
Motherboard model	Gryphon Z97
Memory type/speed	DDR3-1600
Memory, as tested and max	16 GB / 32 GB
Memory sockets, total/free	4 / 2
Supports ECC memory?	No
System BIOS, date	2,205 x 64; 2/11/15
Power supply vendor	Seasonic
Power supply capacity	850W
Storage drive vendor	Intel / Western Digital
Storage drive type	SSD / SATA3
Storage drive size	400 GB / 2 TB
Storage drive interface (e.g. SATA, PCI Express)	PCIe / SATA
Sound card	Realtek ALC892 8-channel high-definition audio
Pointing device	Not included
Graphics interface	PCIe
Expansion slots provided (PCI-Express/PCI/PCI-ISA/ISA)	2 PCIe x16 (Single at x16, dual at x8/x8) / 1 PCIe x16 (x4 mode) / 1 PCIe x1
Expansion slots filled (PCI-Express/PCI/PCI-ISA/ISA)	1 PCIe x16
Drive bays external (5.25"/3.5"/2.5")	2 x 5.25"
Drive bays internal (5.25"/3.5"/2.5")	5 x 3.5"
I/O ports (e.g. USB/version, FireWire, Thunderbolt, eSATA, serial, analog audio, digital audio, media card reader, etc)	6 x USB 3.0/2.0 Ports, 1 Thunderbolt header, 5 x audio jack(s)
Network card/modem	10/100/1000 Ethernet
GPU type (integrated or discrete/add-in)	Discrete/add-in
Graphics card bus (AGP/PCI)	PCIe
Graphics card model	NVIDIA Quadro K4200
Graphics card onboard memory	4 GB

Graphics card driver version	354.13
Graphics card 3D resolution, maximum	3,840 x 2,160 at 60 Hz with 30-bit color
Special AutoCAD driver/version	N/A
Warranty: labor/parts/on-site (months)	Lifetime/36/0
24-hour replacement parts?	Yes
24-hour telephone support?	No
Return policy/restocking fee	30 Days / 15%
Is product certified for use with CAD-related software applications? Yes/No	No
<b>CADALYST REVIEW RESULTS</b>	
<b>C2015 with AutoCAD 2016 (1,920 x 1,080)</b>	
Total Index	720
3D Index	1,664
2D Index	497
Disk Index	409
CPU Index	311
<b>SPECviewperf 12 (1,920 x 1,080)</b>	
catia-04	71.62
creo-01	64.40
energy-01	2.90
maya-04	58.46
medical-01	21.32
showcase-01	37.75
snx-02	104.62
sw-03	110.10
<b>SPECwpc</b>	
Composite	4.58
Rodinia	2.64
CalculiX	1.81
WPCcfd	1.93
IOMeter (x10)	46.46
Catia-04	4.55
Showcase-01	3.67
SNX-02	5.68
SW-03	5.24
<b>General Operations</b>	
Composite	5.83
7Zip	2.68
Python	2.18
Octave	2.02
IOMeter (x10)	97.57