



Cadalyst Labs Workstation Review

HP

Z440

800.289.6947

www.hp.com

Cadalyst Rating: A-

Estimated street price, as delivered	\$2,887 (\$1,299 starting price)
Dimensions (HxWxD in inches)	6.65" x 17.5" x 17"
Weight (lbs)	29lbs
CPU type	Intel Xeon E5-1630 v3
CPU speed	3.7 GHz
L2 cache-size/speed	L3 8 MB
Motherboard vendor	Varies
Motherboard model	Varies
Memory type/speed	DDR3 2,133 MHz
Memory, as tested and max	16 GB/256 GB
Memory sockets, total/free	Varies
Supports ECC memory?	Yes – RDIMM memory
System BIOS, date	Varies
Power supply vendor	Varies
Power supply capacity	685W
Hard drive vendor	Varies
Hard drive type	1 TB 3.5" serial-ATA (7,200 RPM)
Hard drive size	Three 3.5" or four 2.5"
Sound card	Realtek ALC3220
Graphics bus (AGP, SATA, PCI-Express)	SATA SSD
Network card/modem	Integrated Intel® i217 Gigabit Ethernet LAN 10/100/1000
Graphics card model	NVIDIA Quadro K2200
Is product certified for use with CAD-related software applications? Yes/No	Yes

CADALYST REVIEW RESULTS	
C2015 (1,920 x 1,280)	
Total Index	599
3D Index	1,356
2D Index	427
Disk Index	293
CPU Index	321
SPECviewperf 12 (1,920x1,080)	
catia-04	47.14
creo-01	40.95
energy-01	32.7
maya-04	37.87
medical-01	15.06
showcase-01	21.49
snx-02	33.8
sw-03	82.54
SPECwpc	
Product Development	
Composite	3.67
Rodinia	2.45
CalculiX	1.41
WPCcfd	2.31
IOMeter (x10)	3.167
Catia_04	2.96
Showcase-01	2.22
Snx-02	1.83
SW-03	3.95
General Operations	
Composite	5.4
7 ZIP	4.09
Python	1.81
Octobe	1.63
IOMeter (x10)	7.028