

Cadalyst Labs Workstation Review

BOXX Technologies APEXX 2 Model 2401

www.boxxtech.com

512.835.0400

Cadalyst Rating: A
Highly Recommended

Estimated street price, as delivered	\$4,067
Dimensions (HxWxD in inches)	16.6" x 6.85" x 16.6"
Weight (lbs)	30
CPU type	Core i7 4790K
CPU speed	4.5 GHz Overclocked
L2 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	N/A
Power supply vendor	Seasonic
Power supply capacity	550W
Hard drive vendor	Intel
Hard drive type	SSD
Hard drive size	240 GB
Sound card	Realtek ALC892 192 kHz / 24obit with dedicated PCB layers, audio amplifiers, and de-pop circuit
Pointing device	Logitech Mouse
Graphics bus? (AGP, PCI-Express)	PCI-Express
Expansion slots provided (PCI-Express/PCI/PCI-ISA/ISA)	2 PCI-E x16, 1 PCI-e 16 (x4 electrical), 1 PCI-E x1
Expansion slots filled (PCI-Express/PCI/PCI-ISA/ISA)	1 PCI-E x16
Drive bays accessible (5.25"/3.5"/2.5")	1 5.25"
Drive bays internal (5.25"/3.5"/2.5")	4 3.5", 2 2.5"
USB Ports (2.x/3.x)/Firewire	6 USB 2.0, 6 USB 3.0
Serial/parallel	N/A
MIDI/game	N/A
External SCSI	N/A
Network card/modem	10/100/1000 Ethernet
Graphics card bus (AGP/PCI)	PCI-Express

Graphics card model	NVIDIA Quadro
Graphics card chipset	K4200
Graphics card onboard memory	4GB GDDR5
Graphic card driver version	347.52
Graphics card 3D resolution, maximum	3840 x 2160 at 60 Hz with 30-bit color
Special AutoCAD driver/version	N/A
Warranty: labor/parts/on-site (months)	36/36/12
24-hour replacement parts?	Yes
24-hour telephone support?	Yes
Return policy/restocking fee	30 days, 15%
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."	http://www.solidworks.com/sw/products/details.htm?productid=2009
CADALYST REVIEW RESULTS	
C2015 (1280x1024; true-color)	
Total Index	773
3D Index	1,882
2D Index	526
Disk Index	358
CPU Index	325
SPEC Viewperf 12 (1920x1080; true-color)	
catia-04	70.87
creo-01	57.27
energy-01	2.92
maya-04	57.82
medical-01	21.18
Showcase-01	3766
snx-02	64.29
sw-03	108.16