The ability to interactively visualize volume datasets of unprecedented scale is central to the success of several scientific efforts at Caltech. We have constructed a single-user cluster called the Terascale Visualization Workstation (TVW) which achieves the scalability and resolution of a multiprojector display wall in a deskside form factor.

http://viz.cacr.caltech.edu/projects/teraviz-workstation/

5 Node Deskside Cluster
6TB RAID-0
20GB memory
69 SP GFLOP peak
8Gbit Network-Attached Pixel engine
4 x Radeon 8500 Chromium GL cluster
Quadro 4 900 XGL
3840x2400 LCD

Cost
$46115.65 before tax and shipping