



# Step Out of the Box, Step Into a CUBE High Value Performance Computers for Simulation

CUBE High Value Performance Computers are specifically designed for CFD and FEA Number Crunching and are optimized to be a balance between performance and cost - maximizing the value to the user.



We decided to design and sell workstations, compute servers, mini-clusters, and clusters after customers saw how our the systems we were using within PADT were faster and less expensive then the “name brand” systems they were using. This is because we understand the needs of simulation users, and especially users of software from ANSYS, Inc.



Each system is custom designed to maximize the value for each customer. We add no extras, no redundant systems, and no expensive warranties. Just basic and fast systems that are easy to maintain and just work.

If you are considering investing in High Performance Computing, please contact us to talk about your ideal configuration and a quote.

*“The original 96-Core Cube system we bought from PADT has been bulletproof. They guided us through the specifications that made sense for our analysis, our infrastructure, and our licensing. We couldn’t be more excited to add another 512-core system.”*

*-Dominic Jezierski, Chief Engineer, Nammo Talley*



CAE Workstation
12 Core Intel 2.3GHz
64 GB RAM / 2.75 TB Disk
Mid-Tower, Nvidia Quadro 2k
<b>Base Price: \$6,500</b>

FEA Server
16 Core Intel 2.9GHz
192 GB RAM / 2.4 TB Disk
1U Rack
<b>Base Price: \$14,250</b>

CFD Server
64 Core AMD 2.5GHz
512GB RAM / 1.6TB Disk
2U Rack
<b>Base Price: \$19,500</b>

CFD Mini Cluster
96 Core AMD 2.8GHz
512 GB RAM / 3.2 TB Disk
2x2U w miniRack, Infiniband
<b>Base Price: \$19,500</b>

FEA Mini Cluster
32 Core Intel 2.9GHz
384GB RAM / 4.8 TB Disk
2x2U w miniRack, Infiniband
<b>Base Price: \$35,500</b>

CFD Cluster
512 Core AMD 2.5GHz
2,000 GB RAM / 12.8 TB Disk
8x1u w 42U Rack, Infiniband
<b>Base Price: \$140,000</b>

Learn more at [www.CUBE-HVPC.com](http://www.CUBE-HVPC.com) or call 480.813.4884



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