



Simulation Computers



CUBE Simulation Computers are specifically designed for CFD and FEA Number Crunching and are optimized to be a balance between performance and cost.

We provide workstations, servers, mini-clusters, and clusters that are less expensive and faster than name brand systems. As an ANSYS Channel Partner and power users ourselves, we know how to deliver better performance for simulation.

Each system is configured 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.

Contact us to Design your Ideal Configuration

"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 **W4i**

4 Core Intel 3.4 GHz
64 GB RAM / 4.25 TB Disk
Deskside Case, AMD Fire Pro

Base Price: \$5,950

CAE Power Workstation **W12i**

12 Core Intel 3.5GHz
192 GB RAM / 3.5 TB Disk
Mid-Tower, nVidia Qaudro K4000

Base Price: \$9,500

FEA / GPU Server **W16i-k**

16 Core Intel 3.4GB
512 GB RAM / 4.8 TB Disk
4U Tower, nVidia Quadro K5000 GPU

Base Price: \$35,250

CFD Server **C64**

64 Core AMD 2.5GHz
512 GB RAM / 3.0 TB Disk
4U Tower

Base Price: \$32,650



FEA Mini-Cluster **C144-fdr**

144 Core Intel 3.3GHz
1.28 TB RAM / 10.2 TB Disk
FDR Infiniband, nVidia Quadro K6000 GPU
8 Compute, 1 Vis Nodes, 12U

Base Price: \$176,500

CFD Mini-Cluster **C128-qdr**

128 Core AMD 3.2GHz
1 TB RAM / 14.4 TB Disk
QDR Infiniband
8 Compute Nodes, 8U

Base Price: 84,000



FEA Mid-Cluster **C272-fdr**

272 Core Intel 3.3GHz
2.3 TB RAM / 17.4 TB Disk
FDR Infiniband, nVidia Quadro K6000 GPU
16 Compute, 1 vis Nodes, 20U

Base Price: \$342,800

CFD Mid-Cluster **C512-qdr**

512 Core AMD 3.2GHz
2 TB RAM / 57.6 TB Disk
QDR Infiniband
32 Compute Nodes, 32U

Base Price: \$271,400

All systems are available with Windows or Linux OS.

Learn more at www.CUBE-HVPC.com or call 480.813.4884



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