

VENDOR SELECTION GUIDE:



SELECTING THE RIGHT HPC PARTNER FOR YOUR ENGINEERING CHALLENGES

You have complex design goals and need access to compute capacity beyond what a workstation can provide. So you choose a high-performance computing (HPC) solution. Great decision, its very cost-effective, energy efficient, but still offers unlimited scalability, reliability, and workload flexibility. But how do you choose from the different types of offerings available to you?



You'll hear talking points about performance, security, and value. However, those are all characteristics of HPC done well and not specific to one provider. **Look beyond these buzzwords and dive deeper into the following topics:**

| Linux/HPC Expertise

How long has the vendor been involved in Linux and cluster computing? What sort of Linux and HPC achievements has the vendor achieved?

| Engineering Experience

If you need to view your simulation results in 3D, does the vendor offer 3D remote visualization workstations? Does your vendor allow you to run familiar tools like application GUIs?

| Track Record of Success

How long has the vendor been in business? Does the vendor have well-known customers?

| Offers Ways to Reduce OpEx

Does the vendor offer professional services in case you need consulting help or just another set of hands to run your compute loads? Do these services professionals have a strong background in HPC and Linux?

| Offers Ways to Reduce CapEx

Does the vendor offer HPC as a service so that you can expand capacity without expanding hardware inventory? Does the vendor offer financing options to help you lock in costs at current rates or spread out capital costs over time with extended terms of repayment?

| Fast Start

Do you have to do any O/S installation, do you have to compile any applications? Do you have to do any Systems Administration work with your vendor, or is a ready to run HPC environment already stood up with your vendor? Does the vendor offer implementation services to help you get up and running quickly? Do the people providing these services have a strong background in HPC and Linux?

| Support

Can you access support professionals 24 hours a day and via multiple channels? Is there self-support documentation that you can take advantage of? Do the people providing these services have a strong background in HPC and Linux?

Learn More

See related solutions at www.penguincomputing.com/engineering

For pricing on your specific design needs, contact a representative by email at podsales@penguincomputing.com or call 1-888-PENGUIN (736-4846)

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About Penguin Computing

Penguin Computing, Inc. is a 20-year-old, U.S.-based global provider of high-performance computing (HPC), artificial intelligence (AI), and data center solutions with more than 2,500 customers in 40 countries, across eight major vertical markets. Penguin Computing offers a comprehensive portfolio of hardware, software, and services, including solutions based on the Open Compute Project (OCP), as well as financing and top-rated customer support. Penguin Computing products include Linux-based servers, software, integrated, turn-key clusters, enterprise-grade storage, and bare metal HPC on cloud via Penguin Computing® On-Demand™ (POD).