HPCBOX Cluster
Big Compute for Research and Development in Manufacturing

One Cloud HPC Platform. Any Application.

Research and Development to accelerate innovation in manufacturing need optimized and easy to use High Performance Computing to deliver results quickly and efficiently. Furthermore, R&D engineers need the freedom to explore new methods and techniques to develop innovative products.

What is HPCBOX™?

HPCBOX is a desktop-centric, intelligent workflow cloud HPC platform for automating and executing your application pipelines. It introduces an innovative method of plugging in and optimizing HPC infrastructure right into your application pipeline.

Why customers use HPCBOX™

- Deliver rich HPC experience to their users on Microsoft Azure

- Faster time to market

- Optimize expenditure on HPC

- Incorporate intelligent workflow capabilities into application pipelines

Control and Elasticity

- Optimize HPC infrastructure use in real time.

- Really elastic HPC cloud Platform.

- Fine grained control over your HPC cloud infrastructure.

- Lower TCO and operational costs.

Rich Desktop Experience

- Use your applications with their native GUI, both serial and parallel.

- Hardware accelerated remote 3D.

- No web-forms or web page job submission limitations.

- HPC Cloud user experience similar to a personal computer.

Intelligent Workflow

- Author complex pipelines harnessing HPC.

- Scale-in/Scale-out HPC as part of your CAE workflow.

- Streamline expenditure on underlying HPC infrastructure.

- Build and deploy your HPC workflows from the same platform.

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