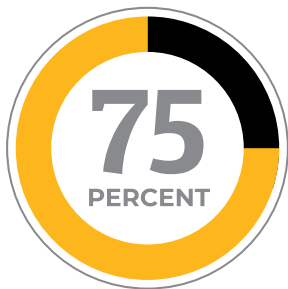




Cloud Datasheet

Unleash the power of simulation!

Have you ever driven a car at the speed limit on a highway and wished you could run it full out on a racetrack with no speed limit? Ansys Cloud removes the speed limit for your simulations while also giving you a wider track for more throughput. It gives you access to unlimited HPC with no server limitations, so you can experience HPC as easy as it should be!



Hardware constraints negatively impact simulation effectiveness for almost 75% of users.



How often do you “cut corners” due to your compute limitation?

- Almost always, 40%
- More than half of the time, 35%
- Almost never, 25%

Access Ansys Cloud anywhere, anytime to obtain endless simulation capabilities compatible with most Ansys solvers.

- Forget hardware and pay only for what you need.
- Remove IT complexity and compute with confidence.
- Improve your workflow and reduce your expenses while boosting your innovation.
- Collaborate with your team on an all-in-one, user-friendly single platform that is always available.

Are you ready to unleash the power of simulation?



Focus on engineering (not maintaining clusters)



Pay only for what you use



Access the latest hardware



Move fixed expenses to variable (CapEx -> OpEx)

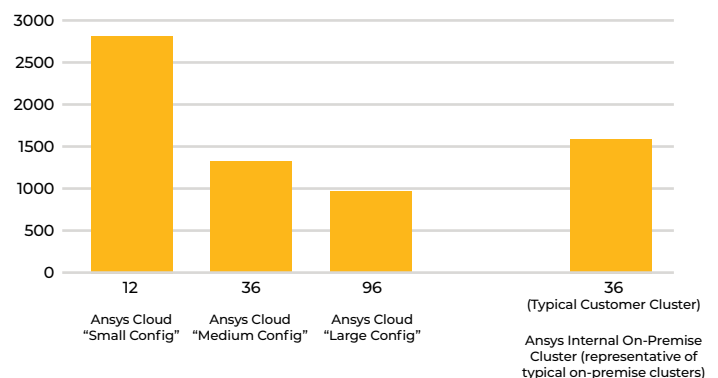


Increase simulation throughput from anywhere

/ Why Ansys Cloud?

- **Workflow:** Cloud access is integrated directly from your Ansys software. With only a few mouse clicks, you have the power of the cloud to use as you wish.
- **Performance:** This complete solution — from solvers to the cloud — was developed by Ansys for full architecture integration. Like a Formula 1 race car, Ansys Cloud is tuned for Ansys solvers.
- **Support:** Ansys supports the entire simulation process from hardware to software, from beginning to end.

Elapsed Mechanical Solver Time (sec) vs Core Count



/ Ansys Cloud Workflow



/ Ansys Cloud is your solution

- **Solve in the cloud directly from the desktop application**
- **Highly optimized for Ansys solvers**
- **Single vendor solution for software and hardware**
- **Worldwide data centers**

/ Ansys Cloud Capabilities

- **Built-in cloud HPC access:** Solve more problems and larger models faster than ever before.
- **Full remote desktop experience:** Leverage the full power of your Ansys software in the cloud with Ansys Cloud's virtual desktop infrastructure (VDI).
- **Completely secure workflows:** The Ansys Cloud solution is designed for security. It follows Microsoft's best practices and is audited by a third party.
- **Economical on-demand pricing:** Access the hardware and software you need, when you need it — pay only for what you use.
- **Job monitoring:** Interactively monitor job progress from anywhere — via your desktop application or a web portal on your computer, tablet or smartphone.
- **Cloud-based 3D results visualization:** Inspect and validate your simulation results while your results are in the cloud from anywhere, on any device, via a web browser.

/ Data Security and encryption

The system is segmented using **Network Security Groups** and **Virtual Networks** to ensure confidentiality and integrity. All data, both in motion and at rest, are encrypted. The key pair is fully managed by Ansys for the end user by storing the public and private key in the **Azure Key Vault**; only the public key is shared. All access to Key Vault is controlled and audited on a periodic basis. We also support **AES 256 Encryption** and **HTTPS TLS 1.2** as standards.

/ Supported Versions

- **From Ansys 2019 R2 to Ansys 2020 R2 and beyond**

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