

# Lenovo ThinkPad P15

Workstations for Ansys  
high-performance  
computing

Lenovo

## Workstation Solution Brief

Ansys develops some of the most widely used multiphysics engineering simulation software solutions for product design, testing, and operation. With the Lenovo ThinkPad P15 mobile workstation, designers and engineers can run complex simulations earlier in the design process to test and validate design ideas without tying up valuable data center resources.

Ansys high-performance computing (HPC) solutions play a critical role in engineering simulation—enabling designers and engineers to maximize the performance of Ansys® Fluent® and Ansys® Mechanical™ solutions on Lenovo workstations.

### ThinkPad P15

Power, mobility, and configurability for  
Ansys on the go HPC

With the latest Intel® Core™ or Xeon® processors and NVIDIA RTX™ professional graphics, the ThinkPad P15 is built for designers and engineers requiring the maximum performance from Ansys CFD and Mechanical applications on the go. Designed with configurability and versatility in mind, the Lenovo Ultra Performance Mode, unlocks user-controlled performance boost for your toughest CFD and Mechanical workloads. Equipped with PCIe Gen 4 for faster, cutting-edge storage technologies as well as optional UHD OLED display, the P15 gives you the next-level performance for demanding Ansys HPC simulation on the go.

ThinkPad P15

Ultimate Power  
Configured Your Way



# Smarter creates the future

Lenovo

## ThinkPad P15 Recommended Config

For designers and engineers who need the fastest mobile performance from their Ansys CFD and Mechanical solvers on the go.

- CPU:** Intel Xeon W (up to 8 cores, 5.0GHz)
- GPU:** NVIDIA RTX A2000 (General CAD)  
RTX A4000 (VR and rendering)
- Memory:** 32GB or 64GB
- Storage:** 512GB PCIe M.2 Storage
- Warranty:** 3-Year
- Monitor:** ThinkVision P27u



Images courtesy of ANSYS, Inc.

## Premium ThinkPad Accessories

### ThinkVision P27u-20

- 3840 x 2160 IPS Panel, UHD screen
- DisplayHDR™ 400
- Wide color gamut (99.5% Adobe RGB)
- Thunderbolt™ 4 (up to 40Gbps)



Images courtesy of ANSYS, Inc.

The versatile monitor delivers a brilliant, consistent performance and astounding clarity across a range of creative areas.

### ThinkPad Thunderbolt 4 workstation Dock

- Support up to four 4K @ 60Hz displays
- 40Gbps transfer speed
- 230W of peak power delivery
- Thunderbolt 4 split cable



Delivers premium docking performance transforming any workstation into a productivity powerhouse by plugging in a single cable.

Contact us for special pricing

Discover more about the ThinkPad P15, visit:  
[www.lenovo.com/workstations](http://www.lenovo.com/workstations)

Ansyes

intel

nvidia

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