

Lenovo
ThinkPad

Lenovo ThinkPad P16

Mobile Workstation 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 P16 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 P16

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

With the latest Intel® Core™ processors and NVIDIA RTX™ professional graphics, the ThinkPad P16 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 P16 gives you next-level performance for demanding Ansys HPC simulation on the go.

Next-Level
Power and Performance



Images courtesy of ANSYS, Inc.

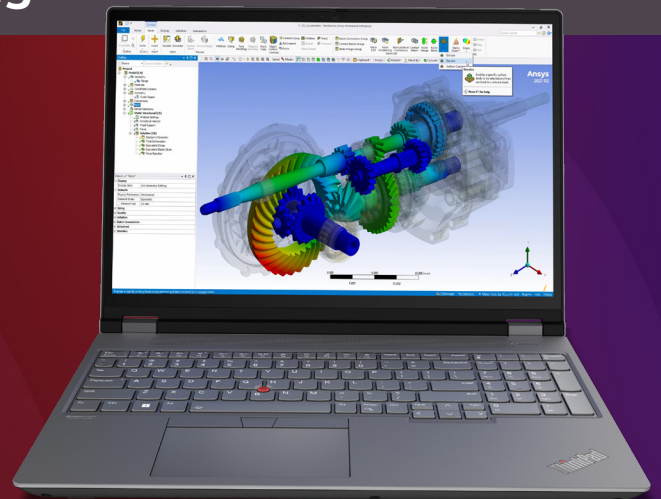
Smarter creates the future

Lenovo

ThinkPad P16 Recommended Config

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

- CPU:** Intel vPro® with 13th Gen Intel® Core™ i9 HX-Series (up to 24 cores, up to 5.6GHz)
- GPU:** NVIDIA RTX 5000 Ada Mobile
- Memory:** Up to 192GB DDR5 5600MHz
- Storage:** Up to 8TB M.2 PCIe Gen4 NVMe performance SSD
- Warranty:** 3-Year
- Monitor:** ThinkVision P27u-20



Images courtesy of ANSYS, Inc.

Premium ThinkPad Accessories

ThinkVision P32p | ThinkVision P27u

- 32 and 27-inch, 4K UHD (3840 x 2160) IPS
- Professional grade color with 99.5% Adobe® RGB Gamut
- Near-edgeless display
- Pre-calibrated accuracy



ThinkVision
P32p



ThinkVision
P27u

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

ANSYS



Discover more about the ThinkPad P16, [visit here](#)

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