Smarter technology for all

Lenovo Workstations

Lenovo & ATEA

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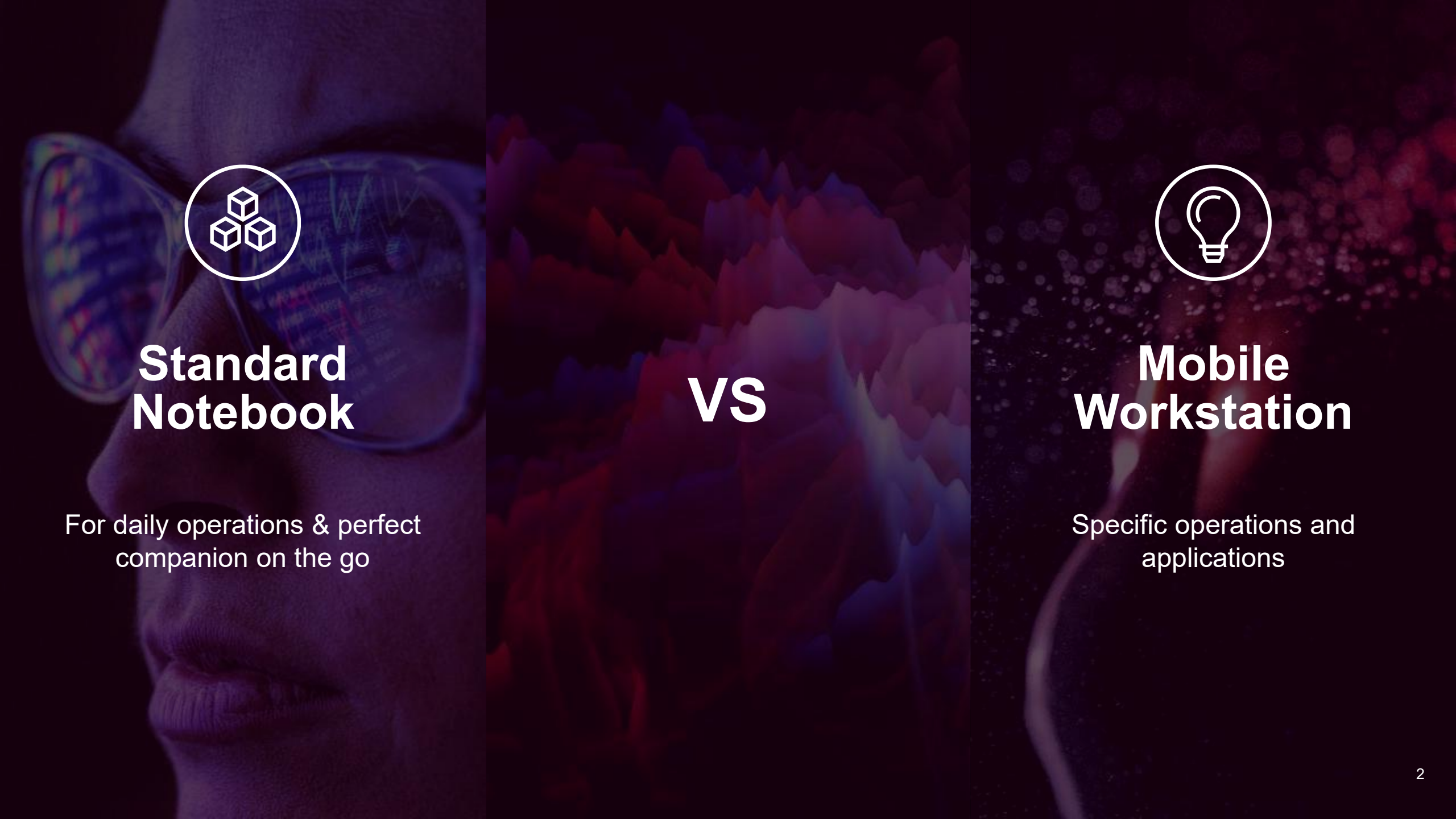


Standard Notebook

For daily operations & perfect companion on the go

VS

Mobile Workstation

Specific operations and applications

Integrated vs Dedicated
GRAPHICS

GRAPHICS
Shared system memory

PERFORMANCE
CPU-bound for parallel tasks

MEMORY
RAM shared across CPU, GPU, NPU

DISTRIBUTION
Single processor, all compute

GRAPHICS
Dedicated VRAM for accelerated graphics and AI

PERFORMANCE
Up to 48x faster in GPU-heavy applications*

MEMORY
GPU memory isolated from system workloads

DISTRIBUTION
Workload split between CPU and GPU cores

TDP (Thermal Design Power) tells how much heat (in watts) a laptop's processor & graphic card produces and therefore how much cooling and power it needs

Thermal Design Power

Regular ThinkPad

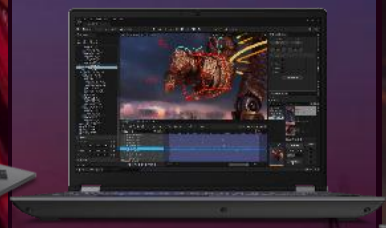
Up to 22W

ThinkPad Mobile Workstation

Up to 135W

ThinkPad mobile workstations 2026

TDP (Thermal Design Power) performance

ThinkPad P14s / P16s AMD	ThinkPad P14s / P16s Intel	ThinkPad P16v	ThinkPad P1	ThinkPad T1g	ThinkPad P16	ThinkPad T16g
1	2	3	4	5	6	7
						
Entry Price Point	Entry dGPU Mobility	Mainstream Performance	Premium Mobility (RTX PRO 2000 Blackwell)	Premium Mobility with NVIDIA RTX 5070	Max Performance (RTX PRO 5000 Blackwell)	Max Performance with NVIDIA RTX 5090
29W	70W	90W	95W	95W	135W	135W

ThinkPad Mobile Workstations 2026

Price

Performance

P14s/P16s AMD
Entry Price Point

- AMD Krackan R5/R7, Strix R9
- Integrated Graphics
- Up to 2TB Storage, 1x SSD
- Up to 96GB DDR5-5600MHz

P14s/P16s
Entry dGPU Mobility

- Intel ArrowLake H Core Ultra 5/7/9
- NVIDIA RTX 500/1000 Blackwell
- Up to 2TB Storage, 1x SSD
- Up to 96GB DDR5-6400MHz

P16v
Mainstream Performance

- Intel ArrowLake H Core Ultra 5/7/9
- Up to NVIDIA RTX 2000 Blackwell
- Up to 4TB Storage, 2x SSD
- Up to 96GB DDR5-6400MHz

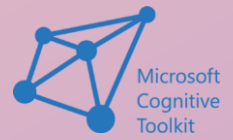
P1
Premium Mobility
AI Solution

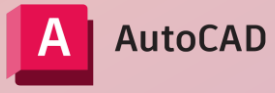
- Intel ArrowLake H Core Ultra 5/7/9
- Up to NVIDIA RTX 2000 Blackwell
- Up to 8TB Storage, 2x SSD
- Up to 64GB CAMM LPDDR5x 8533MT/s

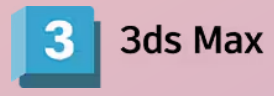
P16
Max Performance
Desktop Replacement

- Intel ArrowLake HX Core Ultra 5/7/9
- Up to NVIDIA RTX 5000 Blackwell
- Up to 12TB Storage, 3x SSD
- Up to 192GB DDR5-5600MHz
- GPU daughter board

ISV Certification Brings the Highest Quality Solution







Lenovo

Customer profiles

How to select the right workstation?

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Design and architecture

Users require efficiency while working with programs that support:

- 3D modeling
- 3D building information modeling (BIM)
- Rendering
- Reality capture
- Digital fabrication

ThinkPad P1 Gen8

Certified performance for demanding applications

BIM solutions

Revit, AutoCAD, Revit 360, Allplan A Nemetschek Company, Rhinoceros, SketchUp

Visualization and rendering

3ds Max, V-Ray Collection, Lumion, Twinmotion

Top design and architecture workstations

ThinkPad® P16v

CPU	Up to Intel® Core™ Ultra 9 285H 16 cores
Graphics card	Up to NVIDIA® RTX PRO 2000 Blackwell
Memory	Up to 96GB (2x 48GB DDR5 CSODIMM)
Storage	Up to 4TB M.2 2280 Gen 5 Performance SSD

ThinkPad® P1

CPU	Up to Intel® Core™ Ultra 9 285H 16 cores
Graphics card	Up to NVIDIA® RTX PRO 2000 Blackwell
Memory	Up to 64GB (1x 64GB LPCAMM2)
Storage	Up to 8TB M.2 2280 Gen 5 Performance SSD

Engineering

We recommend the most powerful workstations that feature:

- Processors with high clock speed
- 128GB of RAM for managing large datasets
- Discrete graphics card for visualization workflows

ThinkPad P16 Gen3

Certified performance for demanding applications

Solid modeling

A CAD

I

F 360

CATIA

SOLIDWORKS

creo

SIEMENS NX

SOLID EDGE

Simulation

Ansys

Visualization

3 MAX

KeyShot by Luxion

Lenovo

Technology WIN

Insane thermals: Flex Cooling

The most advanced thermal solution ever in ThinkPad

Dual Fan Flex Cooling gives you more Watts for your Heavy-Duty tasks

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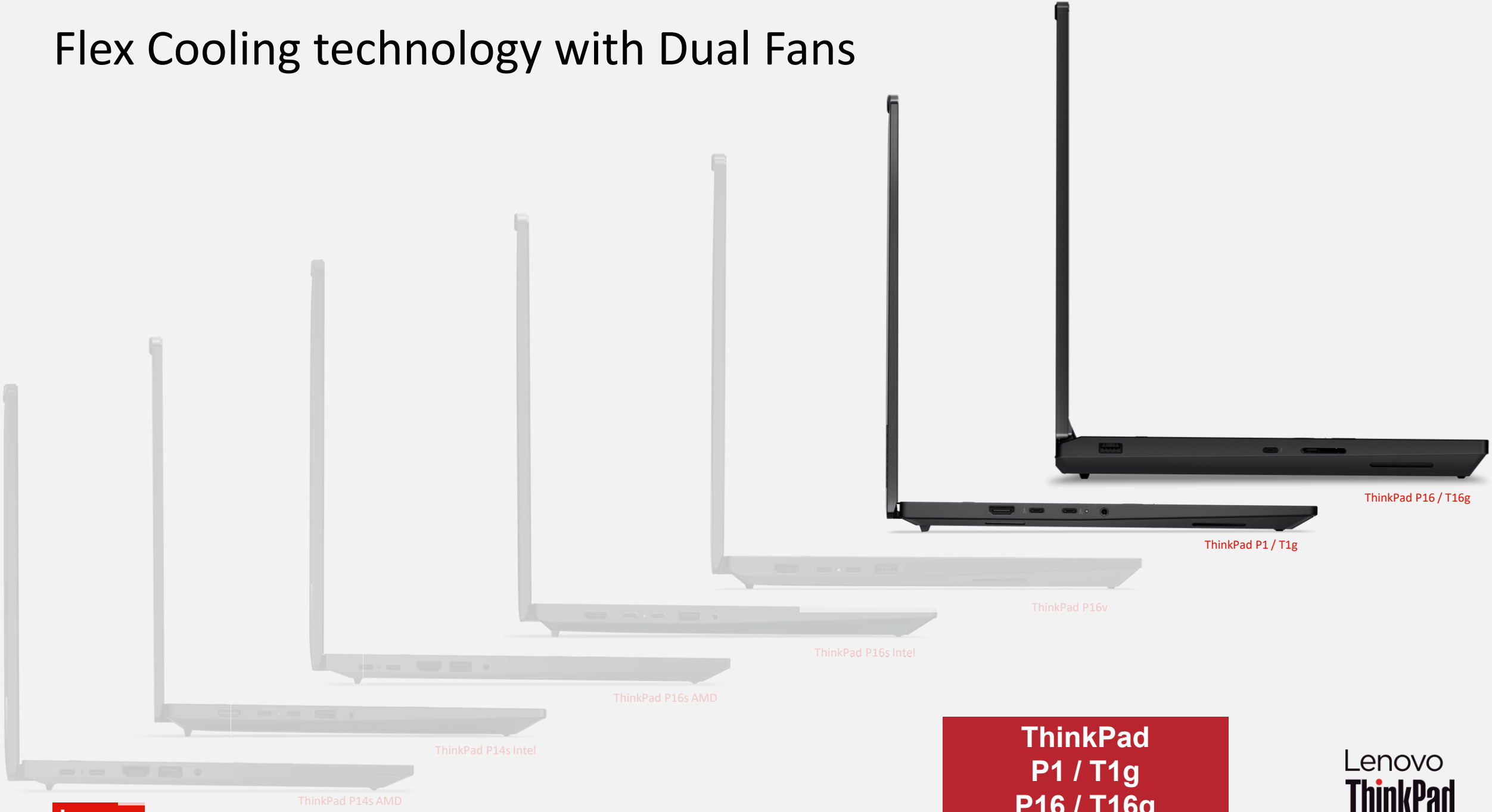
Perform like no other workstation does

Flex Cooling technology with Dual Fans



ThinkPad
P1 / T1g
P16 / T16g

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Lenovo ThinkPad

Top engineering workstations

ThinkPad® P1

CPU	Up to Intel® Core™ Ultra 9 285H 16 cores
Graphics card	Up to NVIDIA® RTX PRO 2000 Blackwell
Memory	Up to 64GB (1x 64GB LPCAMM2)
Storage	Up to 8TB M.2 2280 Gen 5 Performance SSD

ThinkPad® P16

CPU	Up to Core Ultra 9 285HX 24 cores
Graphics card	Up to NVIDIA® RTX PRO 5000 Blackwell
Memory	Up to 192GB (4x 48GB SODIMM DDR5-5600 Non-ECC)
Storage	Up to 12TB M.2 2280 Gen 5 Performance SSD

Computer science and data science

Users need easy access to industry-certified workstations that are built to handle diverse workflows, including:

- Advanced Intel® Core™ Ultra CPUs to tackle a broad scenario of data science toolsets
- Qualified Linux operating systems including Ubuntu, Red Hat, Fedora, and Debian

ThinkPad P16v Gen3

Certified performance for demanding applications

Data science

ANACONDA. python™ RStudio®

MathWorks® TensorFlow APACHE Spark™

PyCharm scikit-learn

Computer science

Linux™ MathWorks® Ruby JS

python™ Scala C C++

Data analytics

+ a b | e a u sas viya HEAVY.AI

Lenovo

Out-of-the-box Lenovo Linux Support

40% of professional developers use a Linux-based operating system

Lenovo is committed to Linux. Every Mobile Workstation is qualified and certified on both Ubuntu and Red Hat Enterprise.

Supported Releases

Lenovo works with hardware vendors to provide upstream drivers, firmware, and software components for our platforms.

Tested & Certified

Officially tested and registered with Ubuntu and Red Hat Enterprise Linux.

Community

Lenovo is continuously collaborating within the Linux community to add functionality and ease of use across numerous Linux distributions.

Linux Partners

ubuntu

Red Hat

SUSE
We adapt. You succeed.

debian

fedora

Top computer science and data science workstations

ThinkPad® P16v

CPU	Up to Intel® Core™ Ultra 9 285H 16 cores
Graphics card	Up to NVIDIA® RTX PRO 2000 Blackwell
Memory	Up to 96GB (2x 48GB DDR5 CSODIMM)
Storage	Up to 4TB M.2 2280 Gen 5 Performance SSD

ThinkPad® P16s

CPU	Up to AMD Ryzen™ AI 9 HX PRO 370
Graphics card	AMD Radeon™ 890M graphics up to 48GB
Memory	Up to 96GB (2x 48GB DDR5 SODIMM)
Storage	Up to 2TB M.2 2280 SSD

ThinkPad® P14s

CPU	Up to Intel® Core™ Ultra 9 285H 16 cores
Graphics card	Up to NVIDIA® RTX PRO 1000 Blackwell
Memory	Up to 96GB (2x 48GB DDR5 CSODIMM)
Storage	Up to 2TB M.2 2280 Gen 5 Performance SSD

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thanks.