

Lenovo
ThinkStation

Smarter redefines the power of small

ThinkStation P3 Ultra

**Media & Entertainment
Solution Brief**



Lenovo

Meet the ThinkStation P3 Ultra Redefining the power of small for M&E workflows

Half the size of traditional small form factor desktop workstations, the ThinkStation P3 Ultra sits in a class of its own and delivers unmatched performance by packing powerful components in an innovative, space-efficient design.

The P3 Ultra chassis is less than 4L in total volume yet still boasts up to Intel vPro® Enterprise with 13th Gen Intel® Core™ i9 processors and support for up to NVIDIA RTX™ A5500 mobile graphics so users can experience tower-like performance.

For studios, artists, educators and students who need desktop power to run demanding workflows wherever work takes you, the ThinkStation P3 Ultra delivers CPU and GPU performance in a compact format unlike anything else on the market.

Desktop workstations are known for their power and performance - built to run the most demanding and sophisticated ISV applications so artists can iterate more freely while keeping projects on time and on budget. The P3 Ultra offers the power and configuration flexibility studios, artists, educators and students require to learn the tools of their future trade or take on the most challenging creative projects.



Lenovo



Media & Entertainment ThinkStation P3 Ultra configurations for M&E workflows

Animators, Visual Effects Artists and Remote Talent

Workflow: 2D/3D animation, visual effects and remote workflows

Recommended configuration for creative workflows:

CPU: Intel vPro® with 13th Gen Intel® Core™ i9

GPU: NVIDIA RTX A5500 mobile

Memory: up to 128GB of RAM

SSD 1: 1TB NVMe (OS / applications)

SSD 2: 1TB NVMe (content / cache)



Educators and Students

Workflow: 2D/3D animation, visual effects and editing

Recommended configuration for teaching and learning 2D/3D, visual effects and editing solutions:

CPU: Up to Intel vPro® with 13th Gen Intel® Core™ i9

GPU: NVIDIA RTX A2000

Memory: 32GB of RAM

SSD 1: 1TB NVMe (OS / applications)

SSD 2: 1TB NVMe (content / cache)



Performance Gains for ISV applications include:



ThinkStation P3 Ultra

Use Cases for M&E

Tower-like performance in a compact, MIL-SPEC tested form factor makes the P3 Ultra an ideal choice for education and as a thick client for remote workflows within an office or from an artist's home, powered by Intel vPro® with 13th Gen Intel® Core™ i9 processors and NVIDIA RTX A5500 mobile graphics.

Examples Include:



Thick Client

- Remote into the office or data center
- Local compute capabilities when connectivity is restricted



Education

- Capable of running the creative applications being taught today
- Size, performance and capabilities throughout a student's learning journey



Lenovo



Desktop power in a groundbreaking compact form factor

Built for demanding media and entertainment workflows that require flexible configurations and maximum space-savings, the ThinkStation P3 Ultra is ideal for keeping up with modern workplace changes. As organizations move to hybrid or remote work, deploy additional resources to the edge, and try to minimize their environmental impact, this workstation is a versatile, more sustainable solution for this critical time of transformation.

Super-Fast Memory

Up to 128GB DDR5 with 4 SoDIMM slots



Dual-Sided Motherboard

With active components on both sides for maximum space efficiency



Processor Performance

Up to Intel vPro® with 13th Gen Intel® Core™ i9, up to 24 cores, up to 5.8GHz



Professional Graphics

Designed with advanced cooling features to house a powerful NVIDIA professional GPU (up to NVIDIA RTX A5500 Mobile)



Legendary Reliability

Tested to 10 military grade requirements and >200 quality checks



ThinkStation P3 Ultra Sustainability Highlights



Certifications

ENERGY STAR®¹, TCO Certified², EPEAT® Gold registered³ in the US



Sustainable Packaging

Packaged using **90% post-consumer recycled cardboard** and **90% post-consumer recycled foam cushions**



Carbon Emissions Savings

15% lighter in weight than previous small form factors, which allows for more systems in each cargo load, resulting in fewer shipments and reduced carbon emissions

Lenovo

For more information on the ThinkStation P3 Ultra, please visit: www.Lenovo.com/workstations

©2023, Lenovo Group Limited. All rights reserved.

¹ To earn the ENERGY STAR® certification, the product must meet energy efficiency criteria set by the U.S. Environmental Protection Agency or the U.S. Department of Energy.

² TCO Certified is an international third party certification for IT products which covers both social and environmental aspects during the product's life cycle.

³ EPEAT® Gold registered in the U.S. products must meet environmental performance criteria designated by the Global Electronics Council.