

# Lenovo Access

Lenovo ThinkStation P3 Ultra SFF Blueprint

## Ultimate Performance, No Boundaries

Lenovo



**Lenovo Access** brings your compute power to where your data lives—eliminating latency, accelerating workflows, and saving hours lost to file syncing. The latest Lenovo Access blueprint, featuring the **ThinkStation P3 Ultra SFF** powered by Intel® Core™ Ultra processors and NVIDIA RTX™ professional graphics, delivers unmatched performance for demanding, single-threaded applications—far beyond what cloud or VDI can offer. Combined with high-performance remote protocols like **Mechdyne TGX**, Lenovo Access enables secure, ultra-responsive, real-time collaboration across teams and geographies, making it a game-changer for professionals in any data or graphics intensive field.

### Maximum Power. Maximum Density.

**3.9L chassis** packs an unimaginable level of power and performance in a **space-saving design**.

**Dual-sided motherboard** with active components on both sides for **maximum space efficiency**.

Up to **16TB**, 4x M.2 PCIe® NVMe Gen 4 SSDs **expandable storage**

Up to **128GB of super-fast DDR5 memory**, up to 6400MT/s ECC or non-ECC

Up to 24 cores with **Intel® Core™ Ultra 9 processor (Series 2)** with Intel vPro®

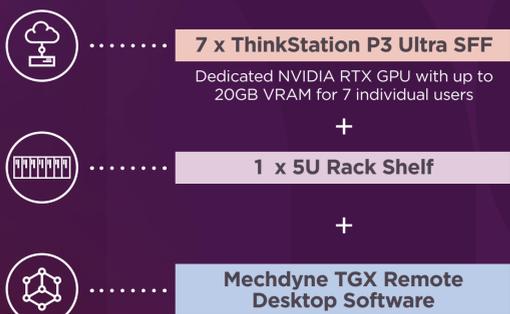
Dedicated **NVIDIA RTX™ GPU professional graphics** (up to NVIDIA RTX™ 4000 SFF Ada Generation)

**Multi-display support** with up to **4 4k Displays** with full color fidelity

**Flexible networking** with 1 onboard Gigabit Ethernet port



### Workstation Performance Cloud-like Flexibility



### Benefits Highlights

- 1 Maximum Performance**  
1:1 Workstations access the full CPU Turbo performance of a system, unlike shared, virtualized servers.
- 2 Remote Protocols**  
A la carte selection of remote protocols accelerated by the NVIDIA RTX platform to suit any workflow.
- 3 Connection Brokers + Gateways**  
Tools to simplify and manage secure access to remote systems.
- 4 Collaboration**  
Real-time, responsive screen and control sharing for design reviews and training.
- 5 Remote Management Tools**  
Lenovo BMC, LDM, Intel vPro® Manageability.
- 6 Secure**  
Centralized data model, encrypted pixel share, Lenovo ThinkShield and Intel vPro® Security.



### CPU Clock Speed Matters

Exceptional performance powered by Intel® Core™ Ultra processors, particularly for single-threaded applications where CPU clock speed is critical to the user experience.

Workstation ThinkStation P3 Ultra SFF	VS	Virtualized server In the public cloud or the data center (VDI)
Up to <b>5.7GHz Turbo</b>	<b>CPU clock speed</b>	<b>2.5GHz</b> (relatively low)
Loads models in <b>half the time</b>	<b>Performance</b>	<b>Slower</b> performance for compute-heavy tasks
<b>Fixed hardware</b> , optimized for individual users	<b>Flexibility &amp; scalability</b>	<b>High flexibility and scalability</b> but with shared resources
<b>0.7 Rack units</b> per user	<b>User density</b>	<b>High user density</b> shared environment

### Optimizing Remote System Responsiveness

Remote work can be frustrating for engineers due to unresponsive systems, lack of collaboration tools, and the downtime caused by syncing and transferring large files between local workstations and the centralized data storage.

<p><b>Remote protocols</b></p> <p>Critical to the user experience, take advantage of end-to-end hardware acceleration ensuring that interaction and control feel local.</p>	<p><b>Collaboration tools</b></p> <p>With the right protocol, share your screen and control your remote workstation with real-time, responsive graphics for design reviews and training.</p>	<p><b>Centralized data</b></p> <p>In a centralized data model—bring compute to the data to maximize productivity and avoid transferring large files over the internet.</p>	<p><b>Pixel Streaming</b></p> <p>Start work immediately with no wait. Only send secure remote pixels and not large files over the internet to eliminate downtime and maximize security.</p>
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Discover our remote workstation solutions [Learn More](#)



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That's the power of Lenovo with Intel Inside®