

ThinkStation

**Rack
Solutions**

**Lenovo
Product
Catalog**

What is a Hyperscale Data Center?

A hyperscale data center refers to an IT infrastructure designed to scale efficiently to meet increasing demand. They support large-scale operations like cloud computing, with providers such as Amazon Web Services (AWS) and Google leading the way in the era of growing digital and cloud service needs. With hyperscale data centers, they offer scalable, flexible, and geographically distributed solutions, driving the evolution of modern digital infrastructure.

HyperShelves are designed for hyperscale data center environments to decrease deployment time and improve efficiency.

High density shelving features cable management, integrated airflow and fits more equipment per U space.



Hyperscaler companies depend on rapid deployment solutions that offer high density shelving features.



The HyperShelf Advantage

If you're unfamiliar with hyperscaling, it's an approach to maximizing computing resources within a limited space. It is commonly associated with increasing server density, improving resource management, and enabling greater scalability. In today's remote work environment, organizations are constantly looking for ways to efficiently deploy and manage PCs within server rooms while allowing employees to access them from anywhere. This is where our HyperShelves come in. Inspired by data center optimization, they provide a cost-effective PC rack mounting solution designed to meet these evolving needs.

Max Efficiency and Savings

Provides a lower installation cost per device while improving operational efficiency.

1 Value-Driven Deployment

Reduce the cost per PC by efficiently rack mounting multiple devices within 2U to 5U of rack space, maximizing rack density and space utilization.

2 Framework Designed for Success

Improve operational efficiency with a shelf design built for enterprise deployments, hyperscale data centers, and remote workspaces. The HyperShelf serves as a cost-savings solution featuring advanced airflow ducting, improved in-rack serviceability, and integrated cable management.

High Density Deployment

Increases computing density by supporting more equipment per rack unit.

3 Integrated Airflow

Maintain optimal cooling and thermal efficiency with integrated airflow ducting designed to separate hot and cold air. If the HyperShelf isn't fully loaded, an optional blanking panel can be added to further regulate and improve airflow.

4 In-Rack Serviceability

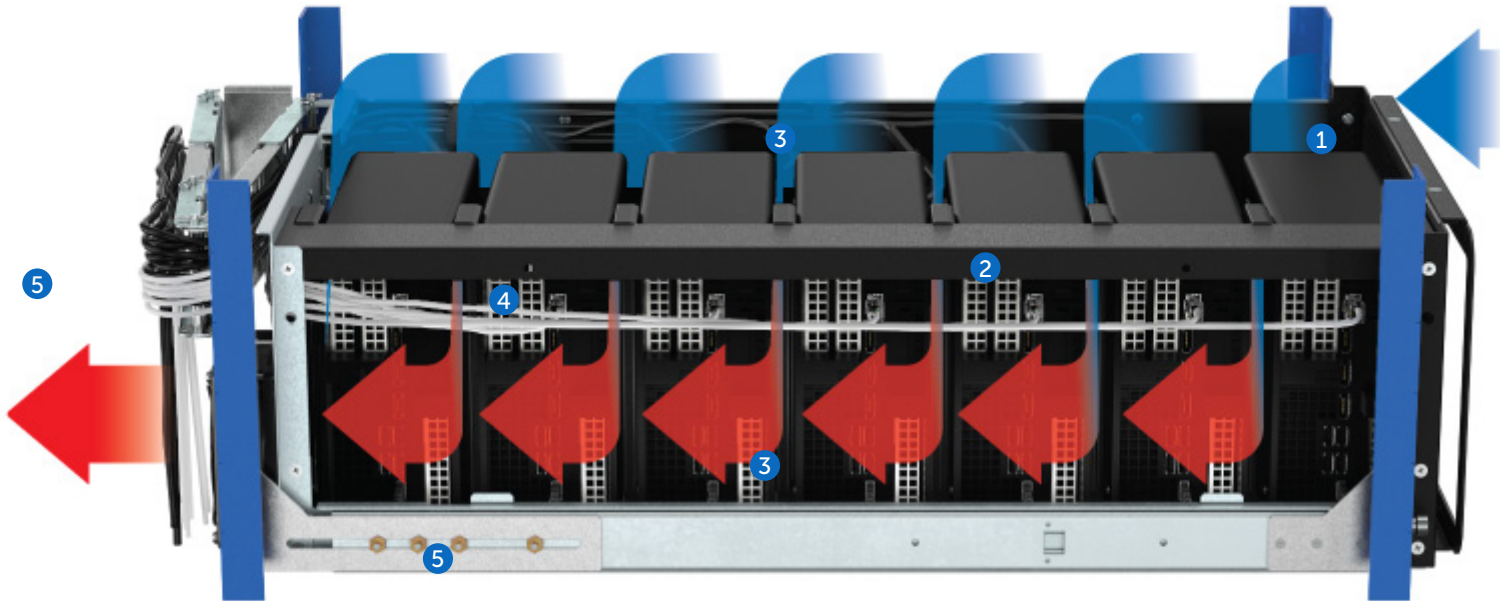
Simplify maintenance and improve accessibility with high-quality ball-bearing slide rails that provide smooth extension and retraction. A removable side panel also allows for easier cable access, airflow management, and exhaust containment.

Enhanced Scalability

Enables infrastructure growth without increasing space requirements or operational complexity.

5 Built-In Cable Organization

Keep cables organized and accessible with integrated tie points that provide designated routing paths for cable management. The fully articulated Cable Management Arm also supports in-rack serviceability through its compact and adjustable design, allowing devices to slide easily in and out of the rack.



Hypershelf Blanking Plate

The Blanking Plate allows IT professionals to control airflow within the HyperShelf rather than the entire server rack enclosure. It improves the efficiency of the shelf's integrated airflow ducting by preventing hot and cold air from mixing, resulting in better thermal management and cooling performance.*

*Blanking plates are designed for specific racked devices and shelves. Sold separately.





5U HyperShelf for 7 Lenovo ThinkStation P3 Ultra Gen 2

Compatible with ThinkStation P3 Ultra Gen2, P3 Ultra, and P360 Ultra

The Lenovo ThinkStation P3 Ultra Gen 2 HyperShelf allows you to rack mount up to 7 workstations in just 5U of rack space. The HyperShelf reduces installation costs per device while maintaining full access to the power button and peripheral ports. Optimized for space utilization and airflow, it helps improve system performance, simplify deployments, and support future growth.



PN 115-8177

Blanking Plate for ThinkStation P3 Ultra Gen 2 Hypershelf



PN 102-8176



5U HyperShelf for 12⁷ Lenovo ThinkStation P3 Tiny Gen 2

Compatible with ThinkStation P3 Tiny Gen2, P3 Tiny, P360 Tiny

The Lenovo ThinkStation P3 Tiny Gen 2 HyperShelf supports up to 12 workstations in just 5U of rack space. Its optimized design maximizes space utilization and airflow while reducing deployment costs and improving accessibility. By maintaining full access to power buttons and peripheral ports, the HyperShelf simplifies system management and servicing while supporting scalable IT environments.



PN 115-9112

Blanking Plate for ThinkStation P3 Tiny Gen 2 Hypershelf

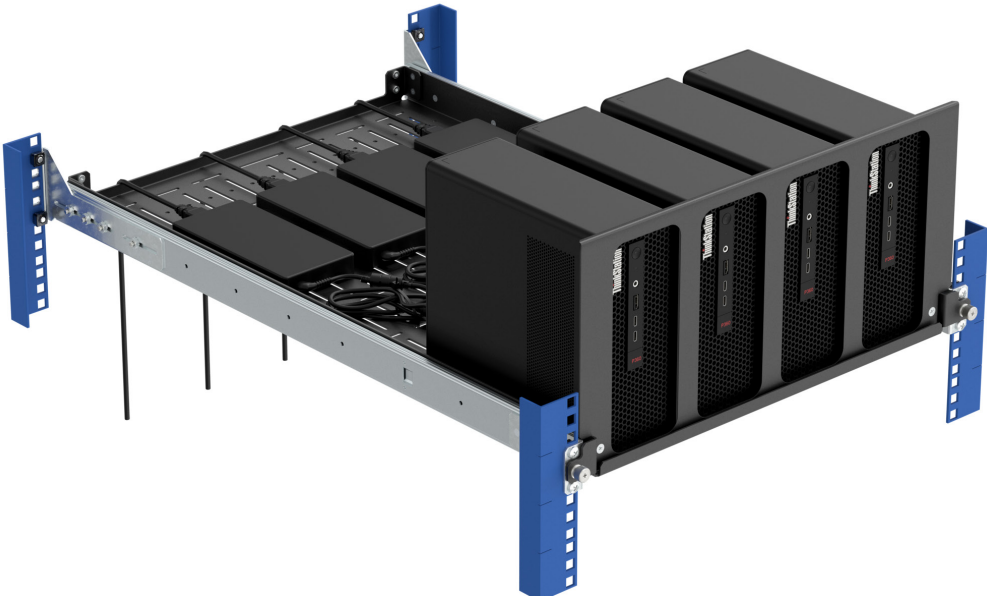


PN 102-9124

Modular Shelf Bracket for Lenovo P3 Ultra

Compatible with ThinkStation P3 Ultra
Gen2, P3 Ultra, P360 Ultra

The Lenovo P3 Ultra Modular Shelf
Bracket provides a secure and
organized way to mount and manage
devices on the Modular Rack Shelf.
ThinkStation devices can be grouped
by size or operating system, making it
ideal for testing environments and
small-scale deployments.



PN 101-9076



No Interference With The Cold Air Intake

*Designed for optimal cooling and
thermal efficiency, the PC bracket does
not interfere with the cold air intake
and exhaust ports. This helps maintain
separation between hot and cold air,
supporting reliable system performance
and proper airflow throughout the shelf.*



PC Mounting Stabilization

*The PC bracket features obround cutouts
that help stabilize devices and prevent
movement on the Modular Rack Shelf.
ThinkStation devices can be securely
fastened into the obround cutouts of the
bracket for enhanced stability.*



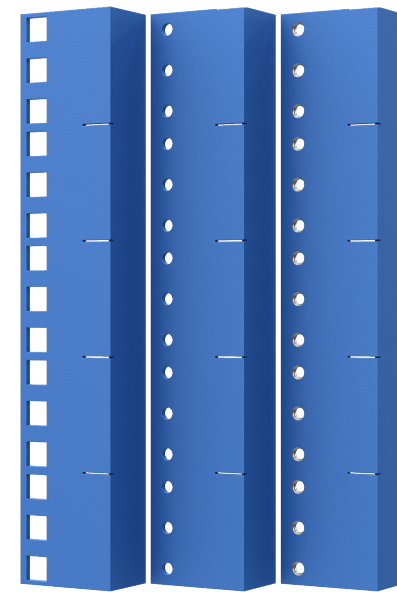
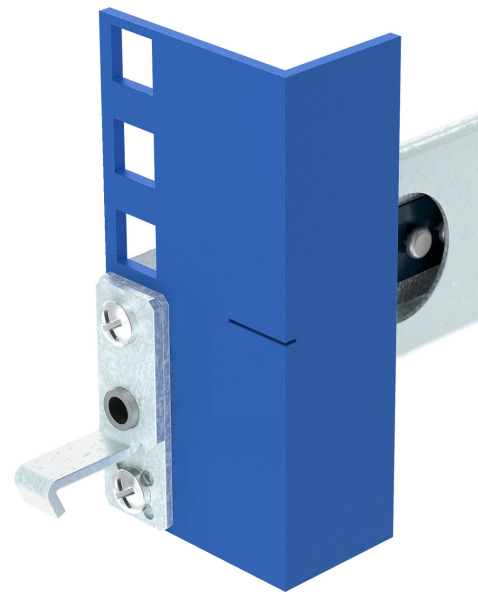
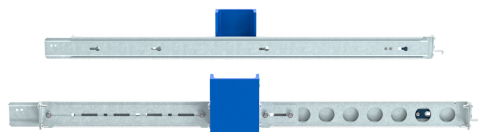
Cabling Organization and Accessibility

*The open design of the PC bracket does
not interfere with the power button
or peripheral ports. This allows you to
seamlessly route PC cables through the
back of the bracket while maintaining
easy access to I/O ports.*



1U 120-A Dry Slide Rail for Lenovo

The 1U 120-A Dry Slide Rail provides a stable, sturdy, and easy-to-install alternative to Lenovo rail kits. Compatible with standard 19" EIA-310 server racks, these rails can be installed in either 2-post or 4-post configurations. They also feature an adjustable mounting depth of 3" - 30" (76.2 - 762 mm). Unlike traditional sliding rails, this rail kit utilizes a dry-slide design and does not include ball bearings.



Lenovo Slam Latch Retaining Plate

The 1U retaining plate allows the Lenovo server to be secured in place when using our server rail. The retaining plate provides full securement at the front of the chassis, ensuring the server maintains a fixed position when completely installed.



PN 122-4818

Fits any 2-Post and 4-Post racks

Unlike the Lenovo OEM Rail Kit, our sliding rack rail kit mounts in 2-Post and 4-Post racks that meet 19" EIA-310 standards. Designed to last longer than ball-bearing rail kits, the dry slides allow you to easily extend equipment in and out of your server rack.

Rack Hole Type

The sliding rack rails occupy 1U of rack space and are compatible with threaded, round, and universal square holes.



Wall Mounts for Lenovo Products

Whether you're looking to free up desk space, improve organization, or create a cleaner workstation, our Lenovo Wall Mounts provide a secure and space-saving solution for Lenovo PCs and docking stations. Designed for business, IT, and home office environments, these wall mounts help keep devices protected while maximizing available workspace.



Integrated Security*

Secure mounting options are available to further protect your device with a barrel locking mechanism and key. Ideal for retail and business environments, these security features help prevent theft and restrict unauthorized access.



*Secure mounting solutions everywhere this key is shown.



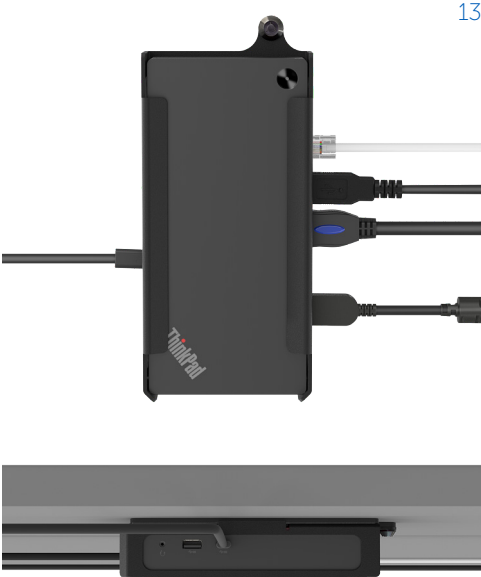
VESA Standard Patterns

The Lenovo PC Wall Mounts feature standard VESA mounting holes and are compatible with 75 mm and 100 mm VESA hole patterns, allowing them to work with most monitors. All mounting hardware is included for quick and easy installation.



Easy Access and Airflow

Our Lenovo Wall Mounts are designed with accessibility and airflow in mind. Their open design helps maintain proper cooling performance without obstructing vents.



Versatile Mounting Options

Whether you mount the device on a wall, under a desk, or behind a monitor (for PCs), our mounting solutions are designed to maximize space and improve workspace organization.*

*Desk Mounting Hardware is not included.



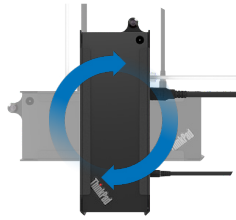
Secure Wall Mount L09 for Lenovo Thunderbolt 4 Docking Station

Compatible with Lenovo
Thunderbolt 4 Docking Stations

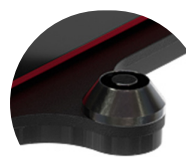
The Secure Wall Mount for Lenovo Thunderbolt 4 Docking Station combines security and accessibility for your docking station. This wall mount provides a space-saving solution, allowing you to efficiently mount your Lenovo docking station on the wall or under a desk for a clutter-free workspace. It is ideal for work environments such as offices, office hoteling (desk hoteling), schools, libraries, shared spaces, and labs. By using our secure wall mount, this allows you to deploy multiple devices for large-scale installations rather than single installments.



No Interference with Ports



Versatile Mounting Options



Integrated Security

PN 104-9109



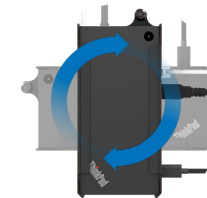
Secure Wall Mount L08 for Lenovo USB-C Docking Station

Compatible with Lenovo ThinkPad
Universal USB-C Docking Stations

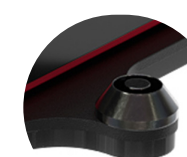
The Secure Wall Mount for Lenovo USB-C Docking Station combines security and accessibility for your docking station. This wall mount provides a space-saving solution, allowing you to efficiently mount your Lenovo docking station on the wall or under a desk for a clutter-free workspace. It is ideal for work environments such as offices, office hoteling (desk hoteling), schools, libraries, shared spaces, and labs. By using our secure wall mount, this allows you to deploy multiple devices for large-scale installations rather than single installments.



Open design provides
easy access to all ports.



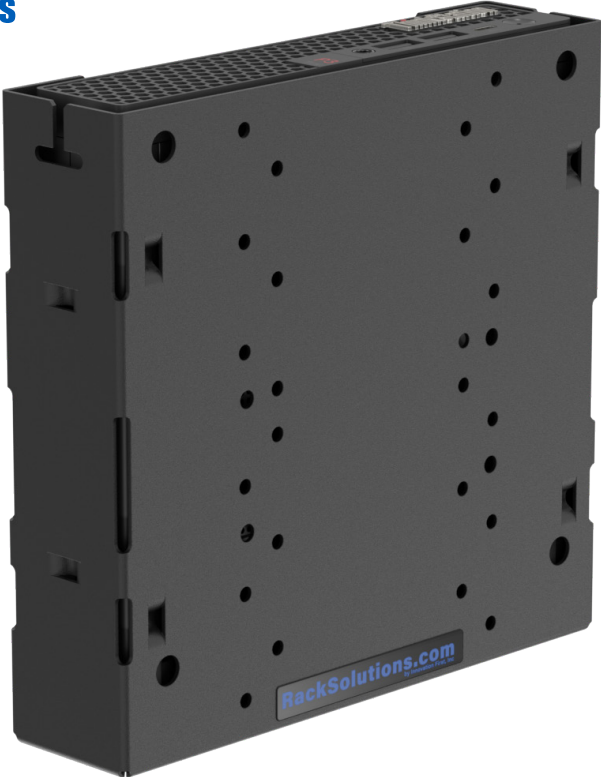
Supports multiple
mounting orientations.



Designed to further
secure your device.

PN 104-9108





**Also available,
Secure Lock Bracket
for “-A” Wall Mount**

PN 101-5205



105-A Wall Mount for Lenovo Tiny (Fixed Monitor)

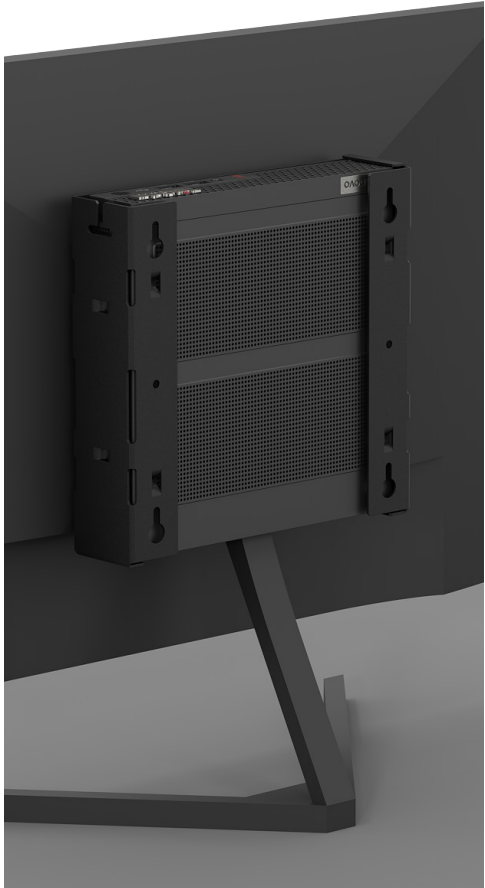
Compatible with ThinkCentre
and ThinkStation Tiny PCs

The 105-A Wall Mount for Lenovo Tiny (Fixed Monitor) creates a more efficient and compact workstation by mounting the device to a wall, behind a monitor, or under a desk. Compatible with 75 mm and 100 mm VESA mounting patterns, the fixed-monitor design keeps the display securely in place without tilt adjustment. For added security, an optional barrel lock bracket upgrade is available to help protect the PC from theft.

Full Access and No Interference

The 105-A Wall Mount for Lenovo Tiny PCs does not obstruct any ports, exhaust vents, or air intake openings.

PN 104-5202



105-A Wall Mount for Lenovo Tiny (Tilt Monitor)

Compatible with ThinkCentre
and ThinkStation Tiny PCs

The 105-A Wall Mount for Lenovo Tiny (Tilt Monitor) creates a more efficient and compact workstation by mounting the device to a wall, behind a monitor, or under a desk. Compatible with 75 mm and 100 mm VESA mounting patterns, the tilt-monitor bracket design allows the display to be adjusted for optimal viewing angles. For added security, an optional barrel lock bracket upgrade is available to help protect the PC from theft.



PN 104-5201



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