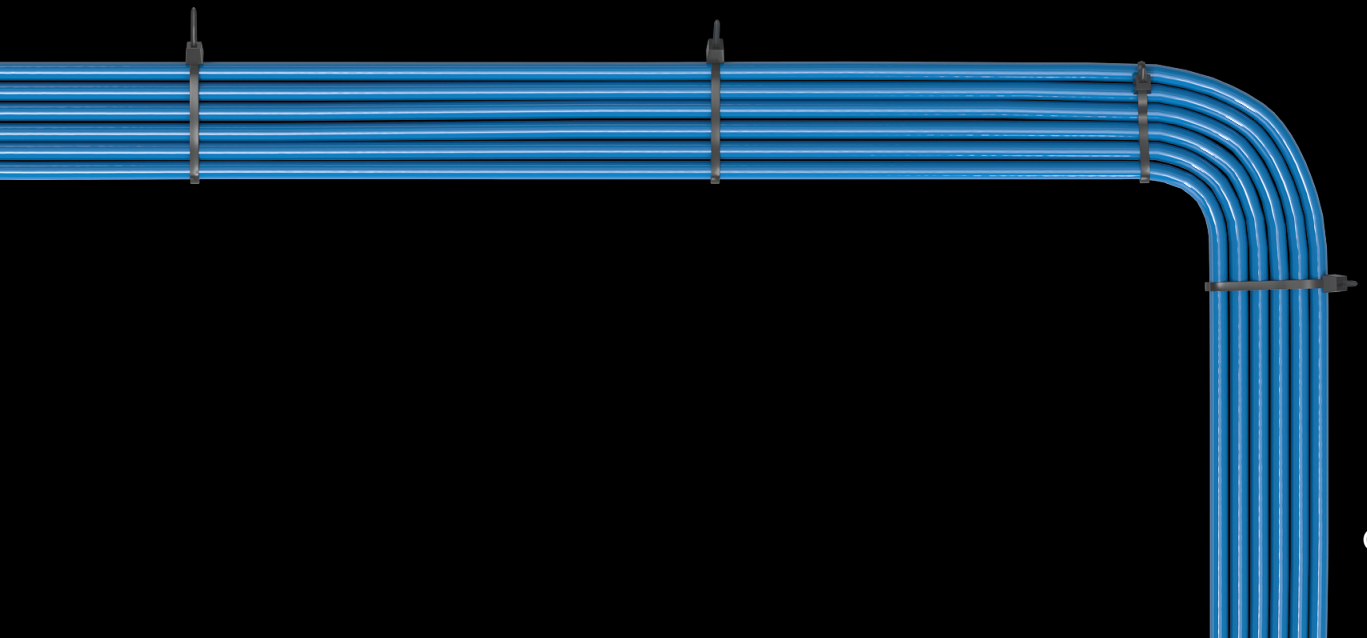
Rack Solutions



Cabling Guide

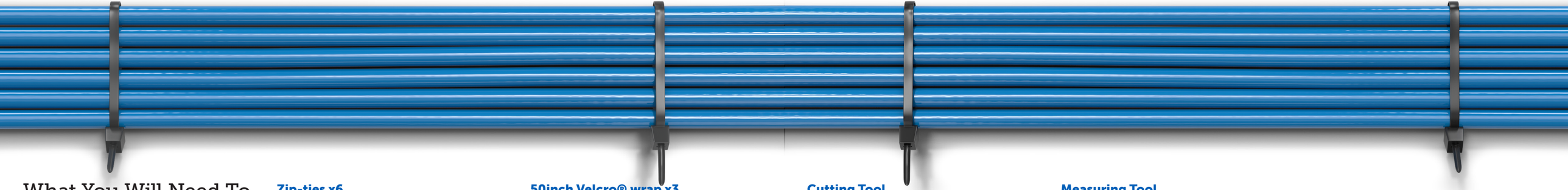
115-9112

5U HyperShelf for 12 Lenovo ThinkStation P3 Tiny Gen 2

SKU: 115-9112

Why Optimal Cable Routing Matters

Proper cable routing is essential before installing PCs into the HyperShelf to ensure reliable performance and easy maintenance. Organizing your cable routing in advance helps maintain clear airflow, reducing heat buildup and supporting proper thermal performance. Clean cable routing also improves accessibility, making it easier to service systems or add connections without removing hardware. In addition, it helps prevent cable strain, pinched connectors, accidental disconnections, and interference with ports or power buttons, ensuring a clean and dependable rack installation.



What You Will Need To Follow This Guide:

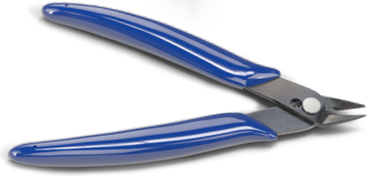
Zip-ties x6



50inch Velcro® wrap x3
5" (12.7cm) strips recommended.



Cutting Tool



Measuring Tool

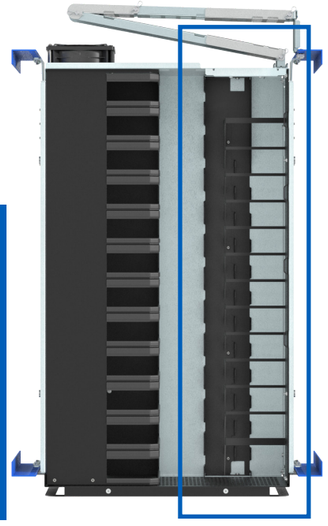


1 Identify Your Power Supply

Identify whether your power supply is 300W or 330W.



Power supplies should be installed on the right side of the shelf, where the intake aisle and power supply bracket are located. Refer to the highlighted square area in the photo for initial placement location. Placement of the power supplies will start from the back of the shelf.







2 Place Power Supplies Into the HyperShelf

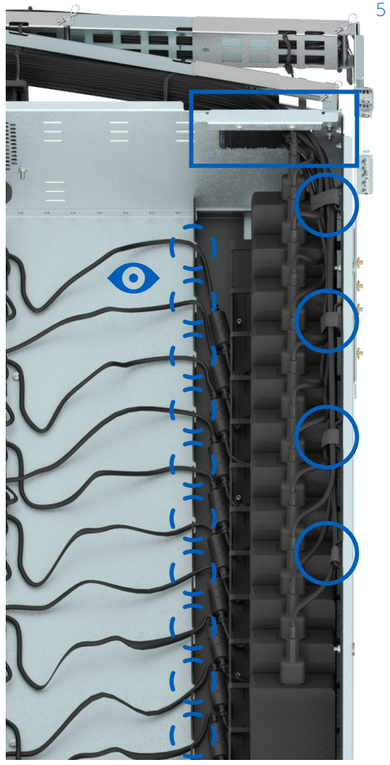
Place the power supply into the appropriate slot. Refer to the photo above for correct positioning of the 300W and 330W power supplies.

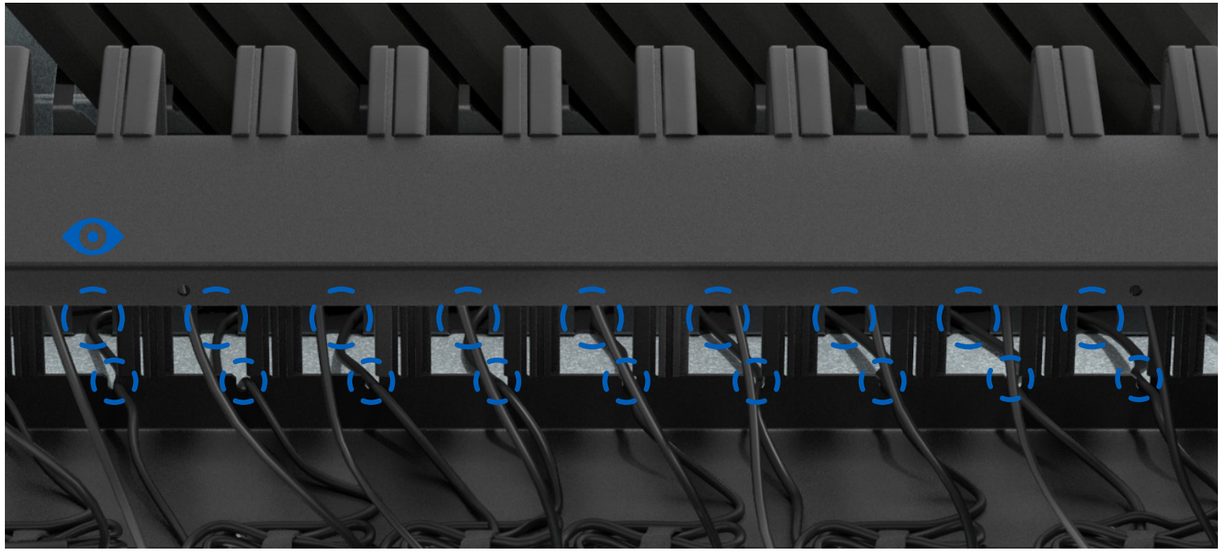


3 Secure and Route PSU Power Cables

Once the power supplies are placed, route the power cables towards the rear of the shelf. Secure the cables along the route using the Velcro straps attached to the lances. Next, route the PC power cables from the intake aisle, pass through the center of the shelf, and continue across to the exhaust aisle, ensuring a clean and organized cable path.

Bundle the PSU power cables and route them out of the shelf through the rear fan brush, as shown in the highlighted square area of the photo.







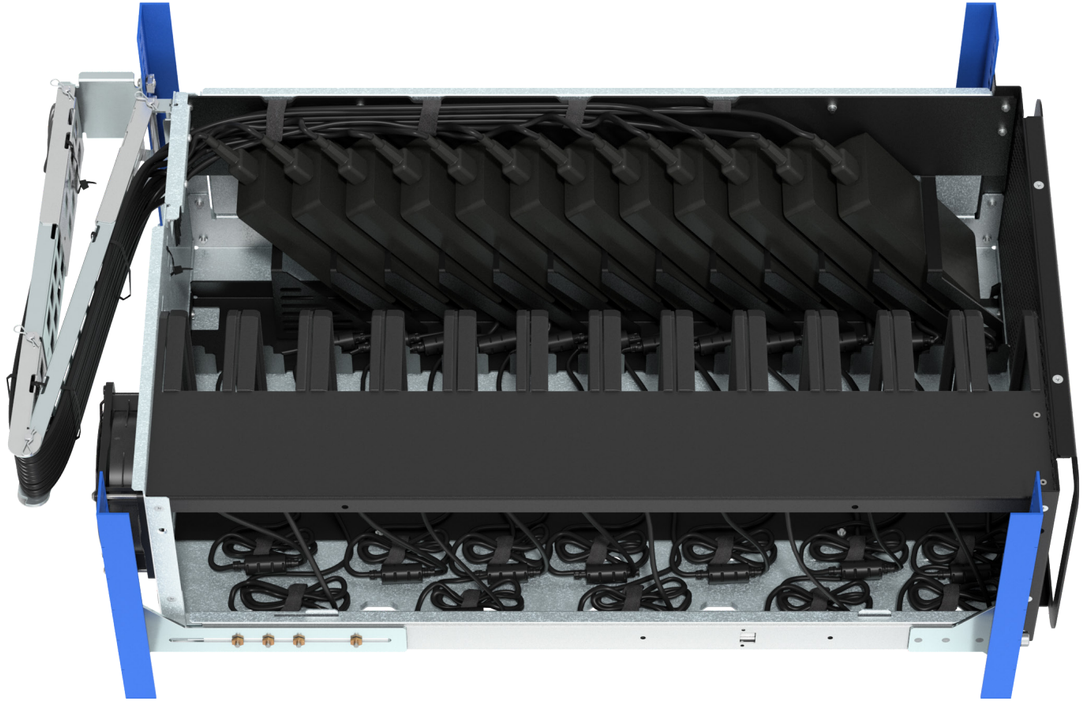


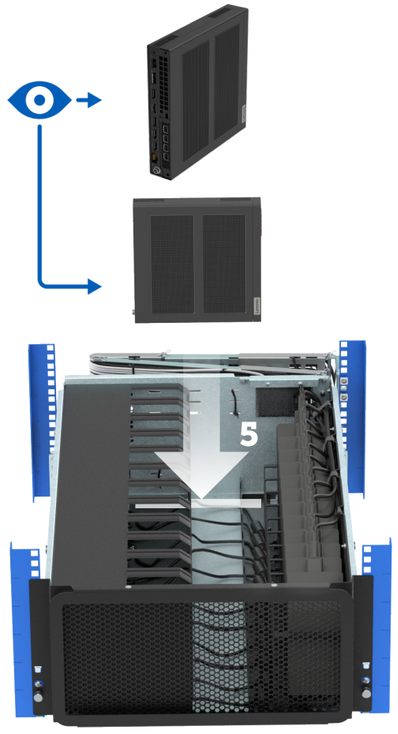
4 Secure and Route PC Power Cables

Route each PC power cord through the cutout in the power supply bracket. From there, bring the cord through the cutout in the PC bracket and into the exhaust aisle of the shelf. Once the cables are positioned, bundle any excess length and secure it using Velcro straps and the lances in the exhaust aisle.

Pre-PC Installation View With Proper Cable Routing

See the image below for the correct cable routing setup up to this point before PC installation.





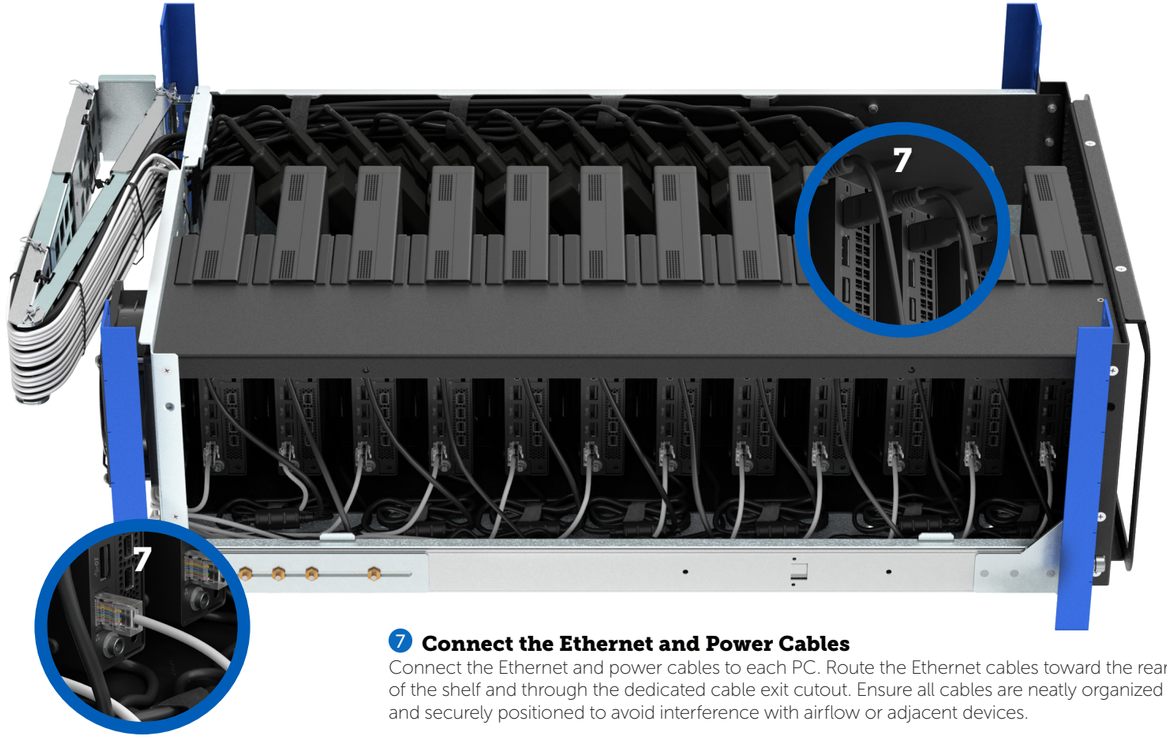
5 Ensure Proper PC Orientation

Before installation, confirm that each PC is positioned with the rear ports facing the exhaust aisle and the power button facing the intake aisle.

6 Place PCs Into the HyperShelf

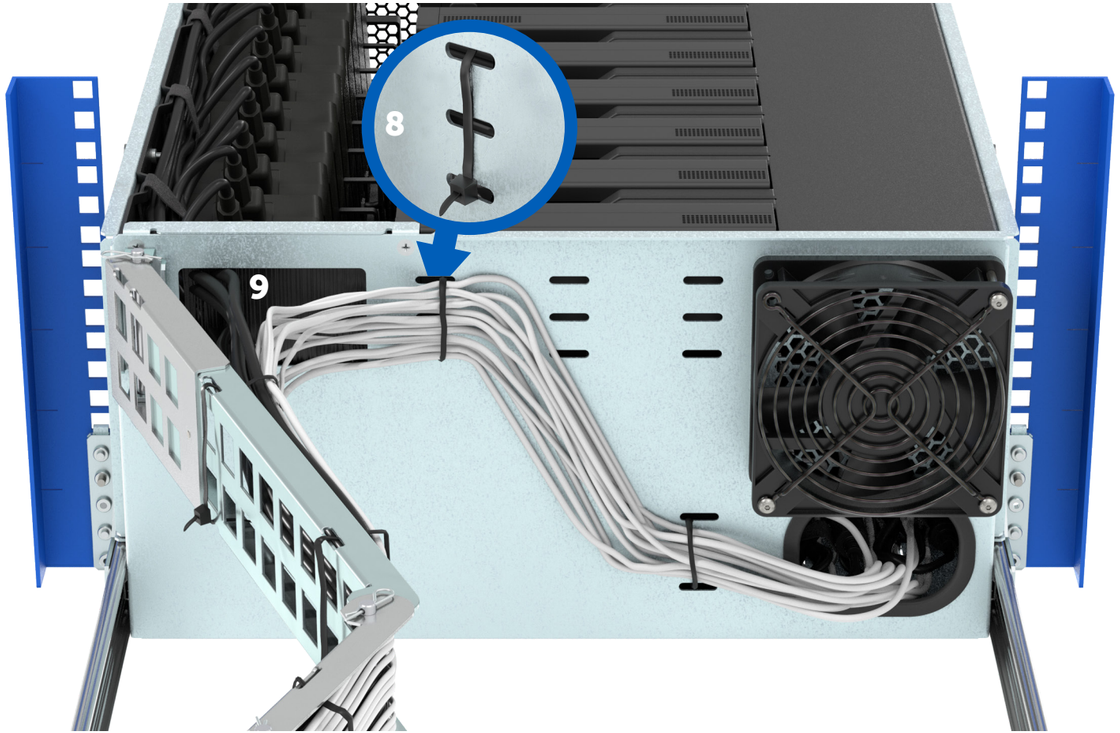
Set each PC into its designated slot onto the built-in support ridges (raised edges), as shown in the image below. This ensures that each PC sits securely within the bracket.





7 Connect the Ethernet and Power Cables

Connect the Ethernet and power cables to each PC. Route the Ethernet cables toward the rear of the shelf and through the dedicated cable exit cutout. Ensure all cables are neatly organized and securely positioned to avoid interference with airflow or adjacent devices.



8 Secure and Route Ethernet Cables

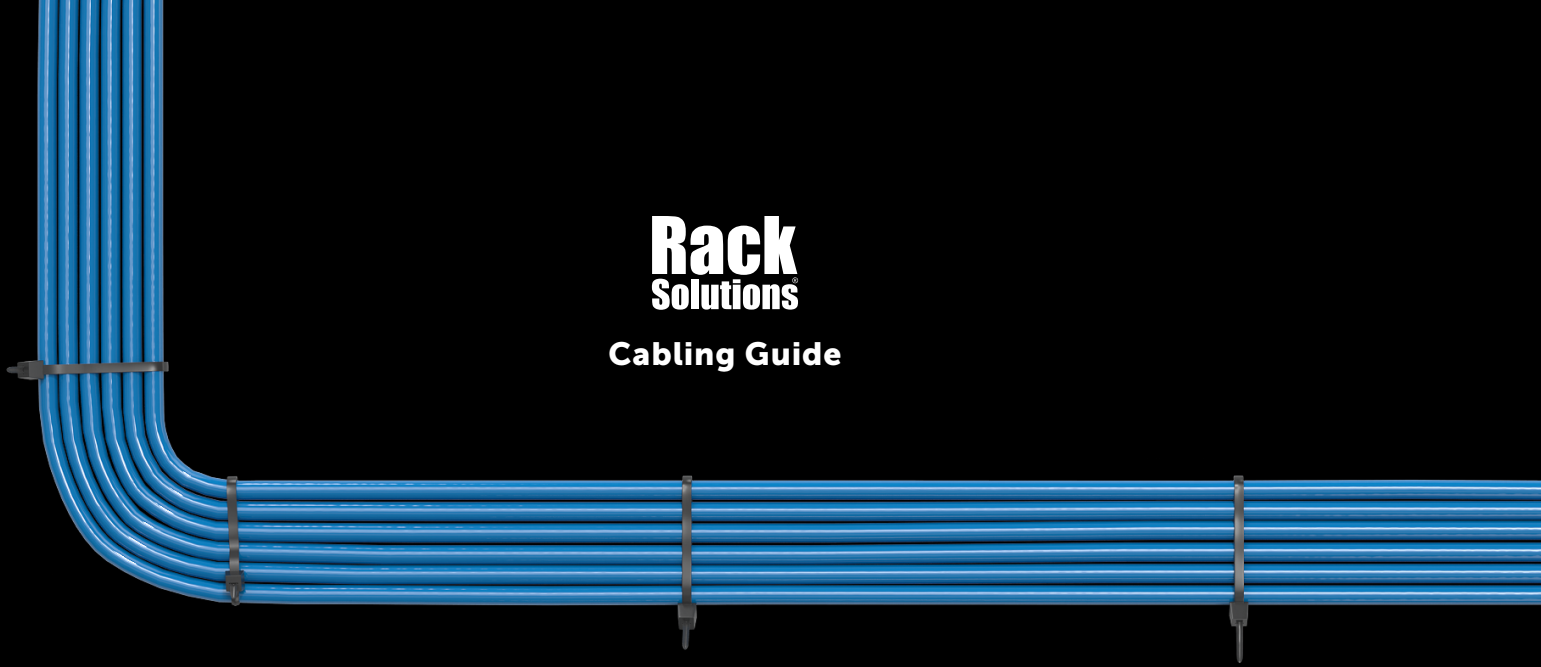
Route the Ethernet cables out through the cable exit cutout and along the rear panel. From there, secure them using zip ties and the obrounds to hold the cables in place.

9 Route All Cables Along The CMA

Route all cables onto and along the cable management arm. Once the cables are properly positioned, secure them with zip ties to keep both the Ethernet cables and PSU power cables firmly in place.



Notes



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