

Vertiv™ Integrated Rack Solution

Reference Design #13

Essential Commercial and Office 42U Rack 1500VA Capacity

Solution Requirements

Physical Protection:

- Safeguard network gear from environmental threats and unauthorized access.

Power Protection:

- Prevent business interruption caused by power loss or power fluctuations with battery backup technology.

On-Site Management:

- Simplify deployment and support future growth with infrastructure designed for total compatibility and scalability.
- Recover business critical floor space with IT infrastructure designed with tight spaces in mind.

Form Factor: Rack

Objective: Support network connectivity in commercial and office environments.

Recommended Environment

Climate-controlled unsecure environment with air conditioning in place for human comfort where temperature, humidity, and air quality control challenges could put IT equipment at risk of damage from uncontrolled heat, dust, or moisture.

- Converted Closet
- General Access Area
- Retail Stock Room



Integrated Solution Summary

Capacity	1500 VA / 1350 W
Rack(s)	42U x 600mm x 1100mm (HxWxD)
Power Protection	Line Interactive UPS
Redundancy	N
Power Distribution	Basic 15A, 120V OU vertical. 14 NEMA 5-20R receptacles and 5-15P input plug
Cooling	Optional Upgrade
Containment	Optional Upgrade
Monitoring	Optional Upgrade
Services	Optional Upgrade
Warranty	3 years
Software	Optional Upgrade

Explore all **Commercial and Office** form factors and power configurations available, **Endpoint, Rack, and Row** by visiting the **Solution Builder** on [Vertiv.com](https://www.vertiv.com) or by contacting a **Vertiv Sales Representative**.

Integrated Solution Includes:

Qty:	Product Summary	SKU	Description:
1	Rack	VR3100	VR3100 - 42U x 600mm x 1100mm (HxWxD) Vertiv™ VR Rack.
1	UPS	PSI5-1500RT120	Vertiv™ Liebert® PSI5 UPS model PSI5-1500RT120; 1500VA/1400W; 120VAC compact, Automatic Voltage Regulation (AVR) line-interactive UPS system designed especially for IT applications such as network closets and small data centers. Supports advanced pure sine wave output on battery to safeguard critical IT equipment and electronics. Provides reliable power protection for servers, critical nodes, network workstations, large network peripherals, network routers, bridges, and others.
1	Rack PDU	VP9567	Basic Rack PDU VP9567 is a 15A, 120V 0U vertical. It has 14 NEMA 5-20R receptacles and a NEMA 5-15P providing 1.4kW in power capacity. The VP9567 delivers reliable power distribution to critical IT equipment.

*Additional accessories and components are required and included in the integrated solution. Contact a Vertiv Partner for the complete bill of materials, to receive pricing, and to purchase.

Recommended Upgrades

Qty:	Product Summary	Model #:	Description:
1	Rack Based Air Cooling	VRC100-Kit-NA	Vertiv™ VRC Rack Cooling is designed to satisfy cooling requirements for small server room, network closet, and edge applications up to 3500 watts per cabinet, the Vertiv™ VRC IT rack cooling unit packs powerful, scalable and energy-efficient cooling into a compact unit. It fits into most standard 19-inch network racks, freeing up valuable floor space. It is available in Self-contained or Split version to fit different building architectures.
1	Warranty and Service	1WEPSI5-1500	1-year Extended Warranty - This extends standard warranty by one year. Covers electronic parts and batteries.