Vertiv™ Reference Design

Knowledge to Build Optimized Infrastructure Solutions

VERTIV.

Vertiv™ Integrated Rack Solution

Premier Commercial and Office 12U Wall-Mount 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.

Remote Management

- Maintain peace of mind one or more remote sites are up and running with real-time notifications.

- Save time by remotely accessing and rebooting unresponsive network equipment without an on-site visit.

Site-Maintenance

- Ensure continuity of business with remote access and management of critical systems.

- Maximize your investment with on-site equipment maintenance and extended warranty protection.

Form Factor: Endpoint

Objective: Support network connectivity in small 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.

- Point-of-Sale Station
- Kiosk
- Converted Closet
- General Access Area

Integrated Solution Summary

Capacity	1500 VA / 1350 W
Rack(s)	12U x 610mm x 610mm (HxWxD)
Power Protection	Line Interactive UPS
Redundancy	N
Power Distribution	Switched Unit Level 15A, 120V 1U horizontal. 6 NEMA 5-15R receptacles and NEMA 5-15P
Cooling	Optional Upgrade
Containment	Blanking Panels
Monitoring	Included
Services	Included
Warranty	3 years
Software	Included

Explore all Commercial and Office form factors and power configurations available, Endpoint, Rack, and Row by visiting the Solution Builder on Vertiv.com or by contacting a Vertiv Sales Representative.

Integrated Solution Includes:

Qty:	Product Summary	SKU	Description:
1	Rack	202637G2	The Vertiv™ DWG Series is a 12U wall mount rack that secures and organizes network switches in closets and other locations with limited spaces. It accommodates switches and patch panels up to 26" deep. Adjustable depth front face 19" mounting rails (12U).
1	Cable and Airflow Management	VRA1000 VRA1008 VRA2000	Vertiv™ VR Rack Accessories utilized to seamlessly integrate communications and power cables in to the cabinet while maintaining proper airflow separation of equipment intake and exhaust.
1	UPS	PSI5-1500RT120LI	The Liebert® PSI5 1500VA/1350W Lithium-ion line-interactive UPS is ideally suited to protect critical infrastructure in edge or distributed IT applications. The life expectancy of lithium-ion batteries is two to three times that of VRLA batteries – up to 10 years. That delivers up to 50% or more in TCO savings vs. VRLA batteries, chiefly because the PSI5 requires fewer battery replacements over its lifespan.
1	UPS COMM Card	IS-UNITY-SNMP	The interface card delivers SNMP, Telnet and web-management capability for enhanced communications and control of Liebert® UPS. The card manages a wide range of operating parameters, alarms and notifications, transmitting data over the network. Visit Vertiv.com for a free Vertiv™ Power Assist software download to gracefully shutdown an IT device when the UPS battery backup experiences a threatening condition.
1	Rack PDU	VP51100	Switched Unit Level Monitored Rack PDU VP51100 is a 15A, 120V 1U horizontal with input power monitoring and outlet level switching. It has 6 NEMA 5-15R receptacles and a NEMA 5-15P providing 1.4kW of power capacity. A Switched rPDU allows you to turn off outlets to avoid accidental overloads and remotely power cycle equipment to reboot unresponsive equipment. The unit is equipped with an environmental sensor port and dual ethernet ports.
1	IT Management	AV3108-001 ACS8008SAC-400	Vertiv™ Avocent® AV3000 Rackmount KVM Over IP Switch | CAC | 8 Port KVM switches | Local and Remote Access (AV3108-001). Vertiv™ Avocent ACS 8000 8-port Serial Console Server, Single AC Power (ACS8008SAC-400).
1	Warranty and Service	PEPPSI-15005Y	Power Emergency Service Package provides 5 years of coverage for electronic parts and batteries, advanced replacement.
1	Software	DSV4.5-BASE DSV4.5-100DEV 1YRSLV-100DEV	Avocent® DSView delivers secured web-browser enabled sessions of on-network infrastructure controls. As an IT integrated solution, DSView delivers secured web-browser enabled sessions to Virtual Machines.

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	IT Management	ACS8008-LN-DAC	The Vertiv™ Avocent® ACS8000 Serial Console System delivers secure in-band and out-of-band visibility and control to downstream equipment in enterprise data centers, as well as cloud and colocation facilities. This serial console system serves as a secure management gateway and single point of entry keeping you connected to critical IT equipment even in the event of partial or total data center outages. Includes the upgraded Cellular capability.
1	Software	ENVA-SERVER ENVA-DEV-100 ENVA-STUP-BSC ENVA-SERVER-SA ENVA-SA-100	Vertiv™ Environet™ Alert provides industry companies with critical facility monitoring software that is affordable and easy to use. This solution delivers superior monitoring, alerting, trending and data organization capabilities for companies in such verticals as healthcare, financial services, government and more, helping them protect and grow their business. Customers get monitoring, alerting and trending at a price that's right for their business.

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