Vertiv™ Reference Design

Knowledge to Build Optimized Infrastructure Solutions

Vertiv™ Integrated Rack Solution

Enhanced Commercial and Office 15U Wall-Mount 1000VA 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.

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
- Converted Closet

Integrated Solution Summary

Capacity	1000 VA / 1000 W
Rack(s)	12U x 610mm x 610mm (HxWxD)
Power Protection	Online Double Conversion
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	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 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	GXT5-1000LVRT2UXL	Vertiv™ Liebert® GXT5 UPS model GXT5-1000LVRT2UXL; 1000VA/1000W; 120VAC is an online double conversion UPS solution which offers premium power outage protection and continuous power conditioning in a compact and flexible rack/tower form factor.
1	UPS COMM Card	RDU101	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. Environmental sensor data is provided via web and SNMP. 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.

*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 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	2WEGXT-1000120	2-year Extended Warranty - This extends standard warranty by two additional years. Covers electronic parts and batteries.
1	Warranty and Service	PEPGXT-1K5YR	Power Emergency Service Package provides 5 years of coverage for electronic parts and batteries, advanced replacement.

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