

vStack-R

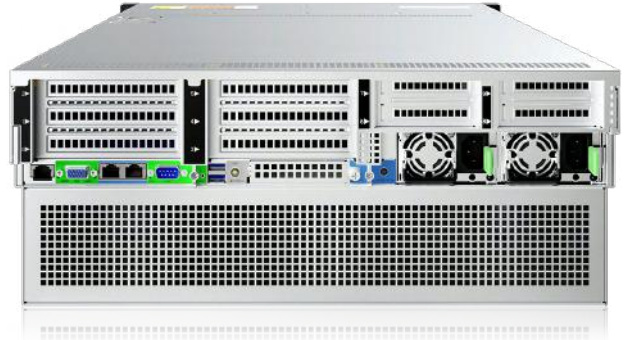
vStack-R-SR401- D36RE-G3



4U rack mount server



Front View of 4U 24-bay Model



Rear View of 4U 24-bay Model



Front View of 4U 36-bay Model



Rear View of 4U 36-bay Model

PRODUCT OVERVIEW

vStack-R 4U dual-socket high-end standard server, using vStack-R G4DCL-B motherboard, supports 1 or 2 Gen3 Intel® Xeon® Scalable series processors, 32 DIMM DDR4 memory slots, on-board 2* M.2 interfaces, 2 Gigabit LAN ports, 1 RJ45 management LAN port, 11 PCIe3.0/PCIe4.0 expansion slots. Fits virtualization, cloud computing, big data processing,

PRODUCT FEATURES

- 01 1 or 2 Gen3 Intel® Xeon® Scalable, up to 270W TDP

- 02 Up to 32 DDR4 slots, frequency 2400/ 2666/ 2933/ 3200 MHz









- 03 2 built-in NVMe PCIe 4.0 M.2 ports

- 04 Modular design, various combinations of PCIe and hard drives

- 05 Up to 11 PCIe expansions, supporting 2 double-width, full-height, full-length GPUs

All vStack-R servers are equipped with an integrated Baseboard Management Controller (BMC) that supports Remote Management and Monitoring IPMI 2.0.

The operation of BMC does not depend on the operating system of the server and provides the following features through a dedicated 1Gb RJ45 port:

Configure server hardware settings, including BIOS and hardware RAID	
Real-time system status monitoring	
KVM over IP - remote access to the server's graphical console	
Virtual Media - remote connection of virtual media (CD / DVD images) to the server	
Power management: turn on, turn off, reboot	
Display of indications of temperature sensors	
Secure access via SSL	
Multi-user access, including integration with Active Directory	

Host Online

Quick Link...

- Dashboard
- Sensor
- System Inventory
- FRU Information
- Logs & Reports
- Settings
- Remote Control
- Image Redirection
- Maintenance
- Sign out

System Inventory System Inventory Information

Home > System Inventory

System Inventory Information

- Click on a component to view its detailed information.
- This page only show the component of CPU, DIMM and PCIE.

Block Diagram Layout View

Legend:

- CPU
- Active DIMM/PCI Slots
- Inactive DIMM/PCI Slots

The diagram illustrates the system architecture with two CPUs, CPU_0 and CPU_1. CPU_0 is connected to Channel_A through Channel_F. Channel_A is connected to RISER1 X16/X8 SLOT1 and RISER1 X8 SLOT3. Channel_B is connected to OCP 3.0. Channel_C is connected to RISER1 X8 SLOT2. Channel_D is connected to RISER2 X8 SLOT3. Channel_E and Channel_F are connected to PCI E PCH M.2 1 and PCI E PCH M.2 2 respectively. CPU_1 is connected to Channel_A through Channel_F. Channel_A is connected to RISER3 SLOT2. Channel_B is connected to RISER3 SLOT1. Channel_C is connected to RISER2 X16/X8 SLOT1. Channel_D is connected to RISER2 X8 SLOT2. Channel_E and Channel_F are connected to PCI Express Slim 1 and PCI Express Slim 2 respectively. Active DIMM/PCI Slots are shown in green, and inactive ones are in grey.

Host Online

Quick Link...

- Dashboard
- Sensor
- System Inventory
- FRU Information
- Logs & Reports
- Settings
- Remote Control
- Image Redirection
- Maintenance
- Sign out

Dashboard Control Panel

Home > Dashboard

5 d 9 hrs
HOST Running Time Since Last BMC FW Upgrade

16
Pending Deassertions

2
Access Logs

Firmware Information

BMC Firmware Revision
1.18.010000

BMC Firmware Build Time
Apr 22 2022 15:24:19 CST

BIOS Revision
801

BIOS Name
G3DCL

BIOS Firmware Build Time
12/19/2022 09:41:05

CPLD Revision
15

CPLD Name
G3DCL

CPLD Build Time
12/10/2020

Network Information

Host System

System LAN MAC Address1
00:24:ecf3:6a:1a

System LAN MAC Address2
00:24:ecf3:6a:1b

System LAN MAC Address3
00:24:ecf4:a0:b4

System LAN MAC Address4
00:24:ecf4:a0:b5

BMC Network Interface
Aggregated Network Interface

00:24:EC:F4:A0:B2

IPv4 Network Mode
Static

IPv4 Address
10.71.17.31

Sensor Monitoring

All sensors are good now!

Currently recovered

Product series	SL401-D24RE-G3	SL401-D36RE-G3
Product type	4U 24-bay	4U 36-bay
System size	798*433.4*176.5mm (D*W*H)	
Processor	1 or 2 Gen3 Intel® Xeon® Scalable Series processors, TDP up to 270W	
Memory	32 DDR4 memory slots, support DDR4 LRDIMM/RDIMM 2400/2666/2933/3200 MHz	
Internal storage interface	3 Minis SAS HD interfaces, 2 SATA DOM interfaces, 2 NVMe PCIe 4.0 M.2 ports (size 2280)	
External hard drive	Front 24* hot-swap 3.5/2.5-inch SAS/SATA hard drives; Rear optional 2* 2×3.5-inch hard disk modules and 2* 2×2.5-inch hard disk modules	Front 24 and rear 12 hot-swap 3.5/2.5-inch SAS/SATA hard drives; Rear optional 2* 2×3.5-inch hard drive modules and 2* 2×2.5-inch hard disk modules
External port	Front port: 2 USB3.0	
External port	Rear port: 1 VGA, 1 COM port, 2 USB3.0, 1 RJ45 Gigabit management LAN port, 2 Gigabit RJ45 LAN ports	
PCIe expansion form	6 PCIe full-height slots , 4* PCIe half-height slots, 1* OCP 3.0 slot	
*PCIe expansion specification	Riser 1: 1*full-height PCIe 4.0 x16, 2*full-height PCIe 4.0 x8, 2*full-height PCIe 4.0 x16 Riser 2: 1*full-height PCIe 4.0 x16, 2*full-height PCIe 4.0 x8, 2*full-height PCIe 4.0 x16 Riser 3: 1*half-height PCIe 4.0 x16 1*half-height PCIe 3.0 x8, 1*half-height PCIe 3.0 x8 (in x16 Slot) Riser 4: 1*half-height PCIe 3.0 x8, 1*half-height PCIe 3.0 x8 (in x16 Slot) OCP: 1*OCP 3.0 (PCIe 3.0 x8)	
Safety	Optional TPM module	
Power supply	Supports AC 220V 550W, 800W, 1300W, 1600W, 2000W, 2200W redundant power supply (adapt based on the actual power)	
Fan	Standard 8* 8038 hot-swap N+1 redundant fans, optional 8056 hot-swap N+1 redundant fans	
IPMI	IPMI2.0	




PRODUCT PARAMETERS

Product series	SL401-D24RE-G3	SL401-D36RE-G3
Management port	1 dedicated RJ45 management LAN port	
Certification	CCC, CE, FCC, ROHS	
Operating temperature & humidity	Temperature: 5°C~35°C Humidity: 20%~80% RH non-condensing	
Storage temperature & humidity	Short-time storage (≤72H): temperature -40°C~70°C/ humidity 20%~90% RH non-condensing (including packaging) Long-time storage (>72H): temperature 20°C~28°C/ humidity 30%~70% RH non-condensing (including packaging)	

ORDERING INFORMATION

Model	Description
vStack-R SL401-D24R E-G3	Dual-socket Whitley platform 4U 24-bay model, SATA/SAS extended version, standard 800W 1+1 redundant power supply
vStack-R SL401-D36R E-G3	Dual-socket Whitley platform 4U 36-bay model, SATA/SAS extended version, standard 800W 1+1 redundant power supply

VSTACK-R SERVICE SUPPORT – 3 YEARS

Main options	
Remote technical support Customer may contact by web on a 24/7/365 basis to report an issue.	
Second Line Support 10 a.m. to 18 p.m. (UTC+3), Monday through Friday.	
Replacement parts delivery Delivers within the Next business day.	
Software support Provides access to all patches and software upgrades	