vStack-R

vStack-R-SR401-D36RE-G3

PRODUCT TYPE

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,

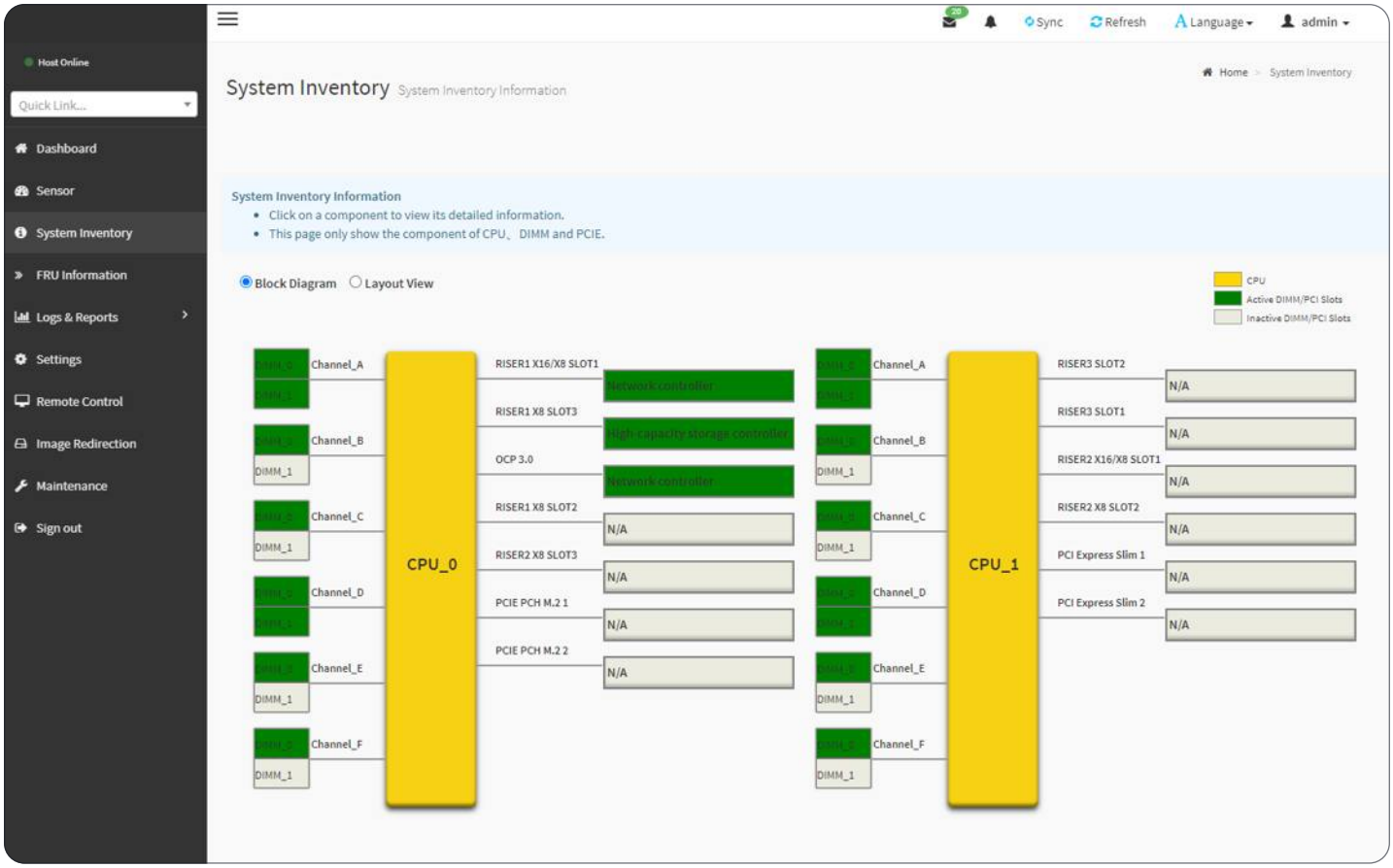
PRODUCT FEATURES

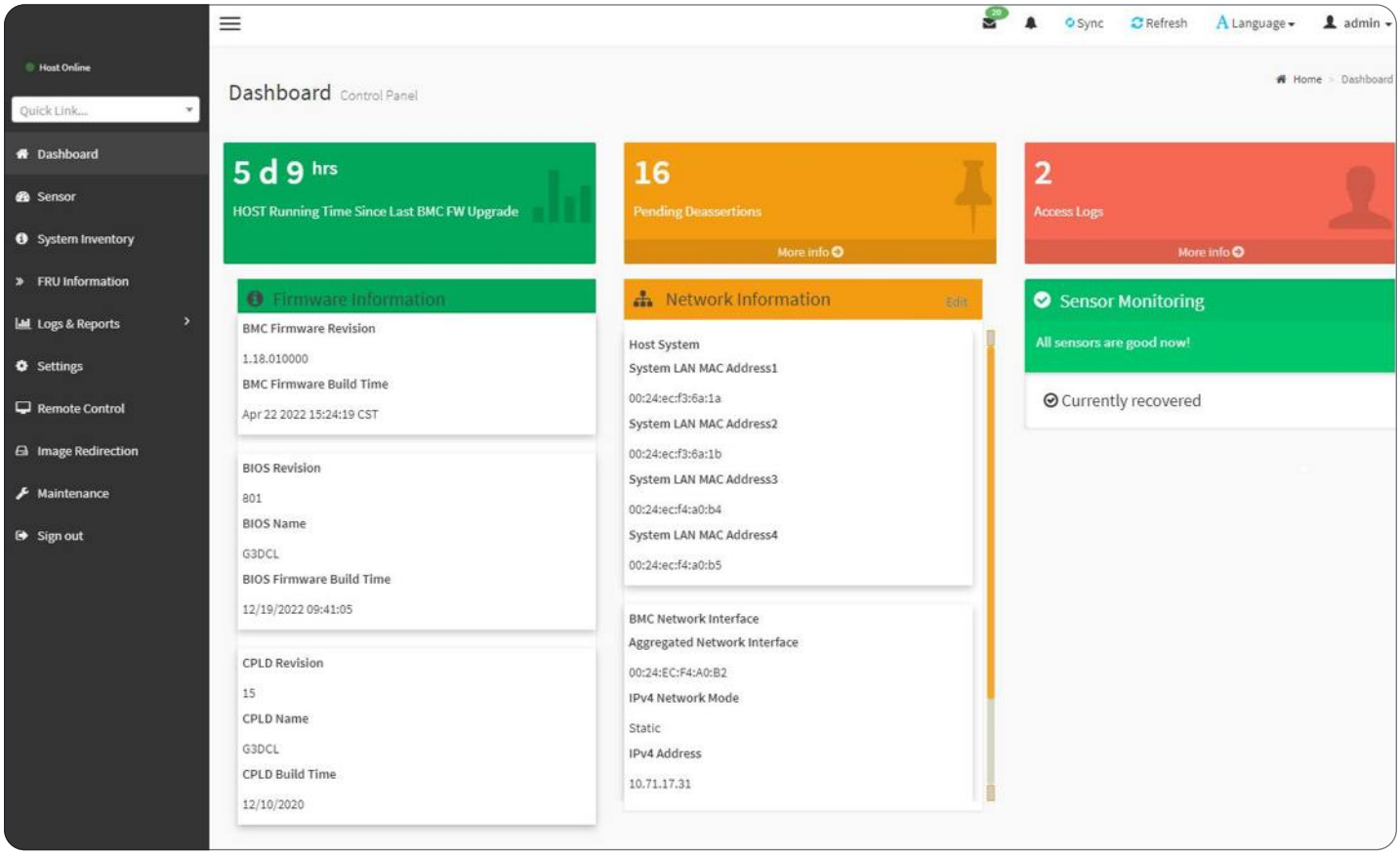
01	1 or 2 Gen3 Intel® Xeon® Scalable, up to 270W TDP
02	Up to 32 DDR4 slots, frequency 2400/ 2666/ 2933/ 3200 MHz
03	2 built-in NVMe PCIe 4.0 M.2 ports
04	Modular design, various combinations of PCIe and hard drives
05	Up to 11 PCIe expansions, supporting 2 double-width, full-height, full-length GPUs

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
Sync
Refresh
Language
admin
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
CPU
Active DIMM/PCI Slots
Inactive DIMM/PCI Slots
Channel_A
Channel_B
Channel_C
Channel_D
Channel_E
Channel_F
DIMM_1
CPU_0
CPU_1
RISER1 X16/X8 SLOT1
RISER1 X8 SLOT3
OCP 3.0
RISER1 X8 SLOT2
RISER2 X8 SLOT3
PCIE PCH M.2 1
PCIE PCH M.2 2
Network controller
High-capacity storage controller
Network controller
N/A
RISER3 SLOT2
RISER3 SLOT1
RISER2 X16/X8 SLOT1
RISER2 X8 SLOT2
PCI Express Slim 1
PCI Express Slim 2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Sync
Refresh
Language
admin
Dashboard
Control Panel
Home
Dashboard
5 d 9 hrs
HOST Running Time Since Last BMC FW Upgrade
16
Pending Deassertions
More info
2
Access Logs
More info
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
Edit
Host System
System LAN MAC Address1
00:24:ec:f3:6a:1a
System LAN MAC Address2
00:24:ec:f3:6a:1b
System LAN MAC Address3
00:24:ec:f4:a0:b4
System LAN MAC Address4
00:24:ec:f4: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