vStack-R

vStack-R-SR201-D12RE

PRODUCT TYPE

2U rack server

Front View of 2U 8-bay Model

Rear View of 10 PCIe Slots

Front View of 2U 12-bay Model

Rear View of Rear 2.5-inch Module

Front View of 2U 25-bay Model

Rear View Rear 3.5-inch Module

PRODUCT OVERVIEW

vStack-R 2U AMD dual-socket high-end server, adopts vStack-R self-developed G1DLRO-B motherboard, supports AMD EPYC 7003 (Milan) series, 7002 (Rome) series and 7001 (Naples) series, 32 DIMM DDR 4 memory slots, onboard 2 M.2 ports, 2 Gigabit Ethernet ports, 1 RJ45 management network port, 11 PCIe expansion slots, suitable for virtualization, cloud computing, big data processing, high-performance computing, distributed storage, enterprise market and telecom applications.

PRODUCT FEATURES

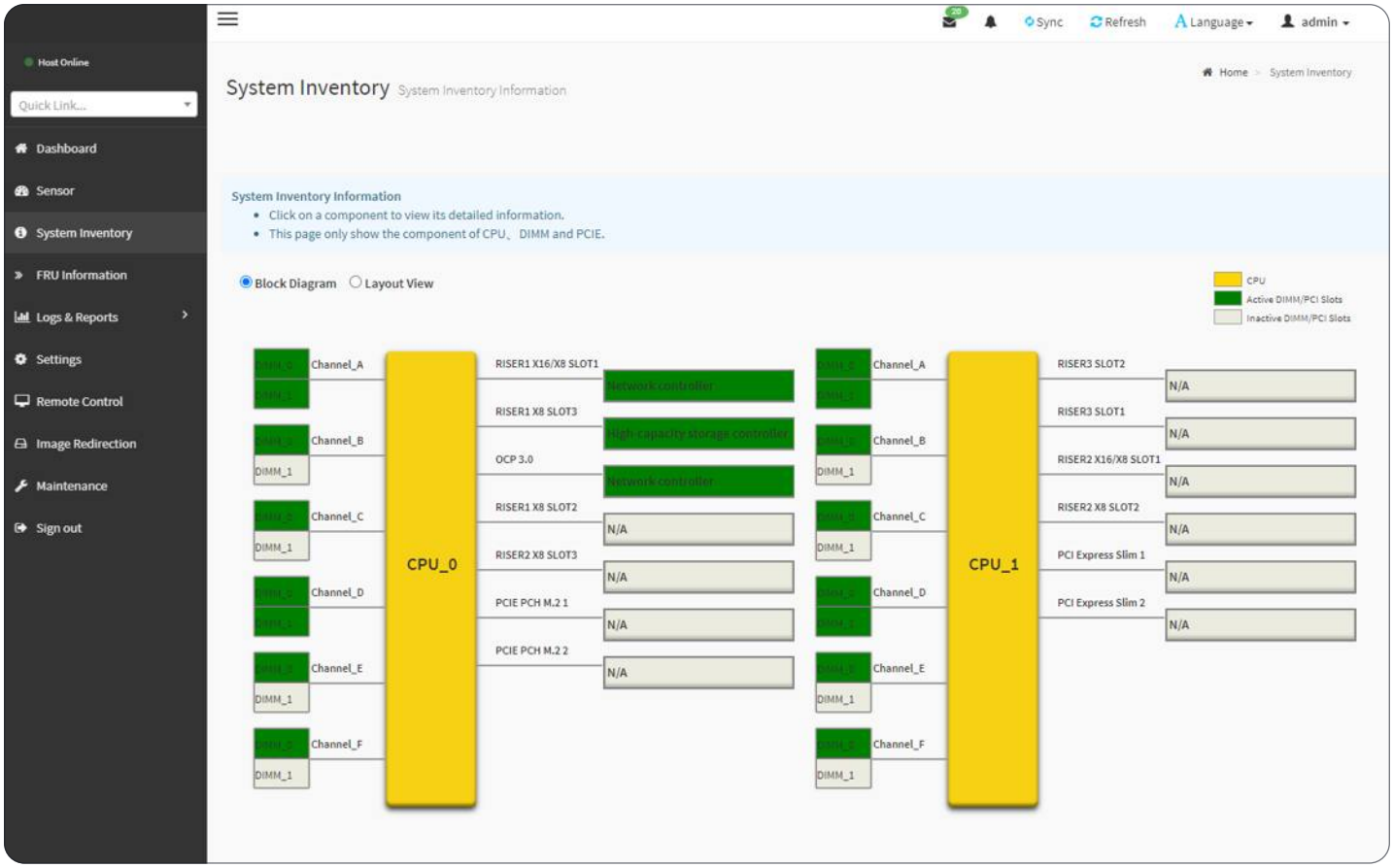
01	2 high-performance AMD EPYC 7003/ 7002/ 7001 series processors
02	32 RECC DDR4 memory slots, the maximum frequency supports 3200 MHz
03	Various combinations of PCIe and hard drives
04	Up to 11 PCIe expansions, can support 2 double-width, full-height, full-length GPU cards

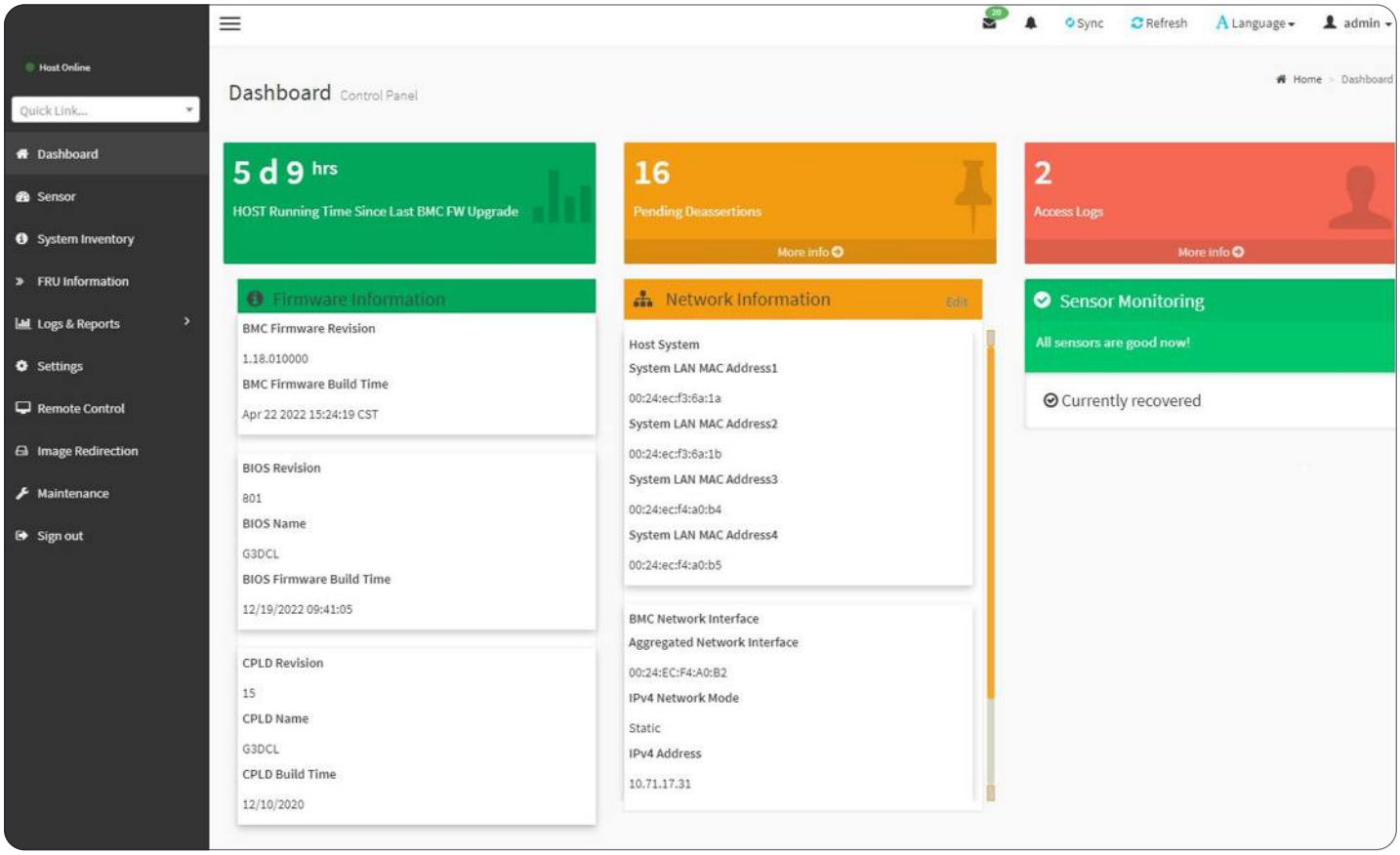
REMOTE CONTROL

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	SL201-D08R-R SL201-D08R-NV	SL201-D12R SL201-D12RE SL201-D12R-NV	SL201-D25RE
Product type	2U 8 bays	2U 12 bays	2U 25 bays
System size	748*433.4*87.6mm (D*W*H)		
Processor	Support 2 AMD EPYC 7003 series (Milan) processors; *Compatible with AMD EPYC 7002 series (Rome) and AMD EPYC 7001 series (Naples)		
Memory	32 DDR4 memory slots, support 2666/2933/3200MHz DDR4 memory		
Internal storage interface	4 SATA (2 of them support SATA DOM), 2 M.2 (NVMe) ports, 3 MiniSAS HD interfaces		
External hard drive	Front 8 hot-swap 3.5/2.5-inch SAS/SATA/U.2 hard drives; Rear optional 2 *2×3.5-inch SAS/SATA or 2*2 × 2.5-inch SAS/SATA/U.2 harddrives	Front 12 hot-swap 3.5/2.5-inch SAS/SATA/U.2 hard drives; Rear optional 2* 2×3.5-inch SAS/SATA or 2* 2× 2.5-inch SAS/SATA/U.2 hard drives	Front 25* hot-swap 2.5-inch SAS/SATA hard drives; Rear optional 2* 2×3.5inch hard drive modules or 2*2×2.5inch hard drive modules
External port	**Front port:** 1 VGA, 2USB3.0		
External port	**Rear port:** 1 VGA, 1 COM port, 2USB3.0, 1 RJ45 Gigabit management network port, 2 Gigabit RJ45 network ports		
*PCIe expansion form	Support 6* PCIe full-height slots, 4* PCIe half-height slots, 1* OCP 3.0 slot		
*PCIe expansion specification	**Riser 1/Riser 2:** 2* PCIe x 16 or 1* PCIe x 16, 2* PCIe x 8 or 3* PCIe x8 **Riser 3:** 1* PCIe x 16 or 2* PCIe x8 **Riser 4:** 1* PCIe x 16 or 2* PCIe x8		
Safety	TPM module		
Power supply	Support 550W, 800W, 1300W, 1600W, 2200 W redundant power supply (adapt according to actual power)		
Fan	Standard 4* 8038 hot-swap N+1 redundant fans, optional 8056 hot-swap N+1 redundant fans		
IPMI	IPMI2.0		

PRODUCT PARAMETERS

Product series	SL201-D08R-R SL201-D08R-NV	SL201-D12R SL201-D12RE SL201-D12R-NV	SL201-D25RE
Management port	1 dedicated RJ45 management network port		
Certification	CCC		
RoHS	RoHS2.0		
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 SR201-D08R	Dual-socket AMD platform 2U 8-bay model, passive backplane, rear 3* PCIe3.0 x8 Riser cards; standard 550W redundant power supply
vStack-R SL201-D08R-NV	Dual-socket AMD platform 2U 8-bay model, NVMe passive backplane, rear 3* PCIe3.0 x8 Riser cards; standard 550W redundant power supply
vStack-R SL201-D12R	Dual-socket AMD platform 2U 12-bay model, passive backplane, rear 3* PCIe3.0 x8 Riser cards; standard 550W redundant power supply
vStack-R SL201-D12R E	Dual-socket AMD platform 2U 12-bay model, active backplane, rear 3* PCIe3.0 x8 Riser cards; standard 550W redundant power supply
vStack-R SL201-D12R-NV	Dual-socket AMD platform 2U 12-bay model, NVMe passive backplane, rear 3* PCIe3.0 x8 Riser cards; standard 550W redundant power supply
vStack-R SL201-D25R E	Dual-socket AMD platform 2U 25-bay model, active backplane, rear 3* PCIe3.0 x8 Riser cards; standard 550W redundant power supply
Note: The above barebones are equipped with PCIe3.0 motherboard, PCIe 4.0 needs to be equipped separately	

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