

Huawei RH1288 V3 Rack Server Datasheet

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Overview

Huawei FusionServer RH1288 V3 is a standard 1U, 2-socket rack server. It supports Intel® Xeon® E5-2600 v3 and v4 series processors with up to 20 cores per processor, unlocking superior performance for enterprises' computing-intensive applications. Designed for cloud computing applications, enterprise applications requiring computing and storage resources, RH1288 V3 strikes an optimal balance between performance and density by supporting up to 1 TB memory and 16 TB local storage. This RH1288 V3 Rack Server offers 3 configurations, including 8-disk configuration 1, 8-disk configuration 2 and 4-disk configuration.

Quick Specs

Table 1.

Product	Huawei RH1288 V3 Rack Server
Processors	Intel® Xeon® E5-2600 v3/v4 series processors
Memory	16 DDR4 RDIMMs/LRDIMMs
Internal Storage	Hard disk configurations: <ul style="list-style-type: none">· 8 x 2.5-inch SAS/SATA HDDs or SSDs (4 NVMe SSDs supported by the NVMe model)· 4 x 3.5-inch SAS/SATA HDDs Built-in flash memory: <ul style="list-style-type: none">· 2 mini-SSD cards (SATADOMs)· 2 SD cards
RAID	<ul style="list-style-type: none">· RAID 0, 1, 10, 5, 50, 6, or 60· Configured with a supercapacitor for power-off protection for the cache (optional)· RAID state transition, configuration memory, self-diagnosis, and web-based remote configuration
LOM Network Ports	2 GE or 4 GE ports, or 2 x 10 GE ports, or 2 x 56 Gbit/s FDR InfiniBand ports
PCIe Expansion	Up to 3 PCIe slots
Fan Modules	5 hot-swappable fan modules in N+1 redundancy mode
Power Supply Units	2 hot-swappable PSUs in 1+1 redundancy mode
Management	<ul style="list-style-type: none">· Uses Huawei Hi1710 management chip and independent ports· Supports standard management interfaces, such as SNMP and IPMI; provides GUI, remote KVM, virtual media, SOL, Predictive Failure Analysis (PFA), intelligent power supply, remote control, and hardware monitoring· Supports Huawei eSight management software and integration with third-party management systems, such as VMware vCenter, Microsoft System Center, and Nagios
Operating Temperature	5°C to 45°C (41°F to 113°F), ASHRAE Class A3 and A4 compliant
Dimensions (W x D x H)	RH1288 V3 with 3.5-inch hard disks: 436 mm x 748 mm x 43 mm RH1288 V3 with 2.5-inch hard disks: 436 mm x 708 mm x 43 mm

Product Details

Figure 1 shows the appearance of RH1288 V3 server.

Figure 1-1 RH1288 V3 server 4-disk configuration.

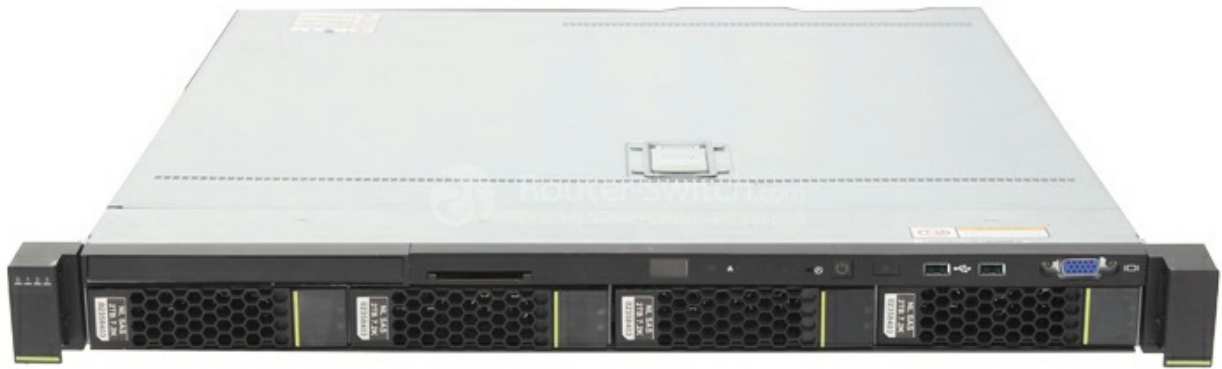


Figure 1-2 RH1288 V3 server 8-disk configuration.

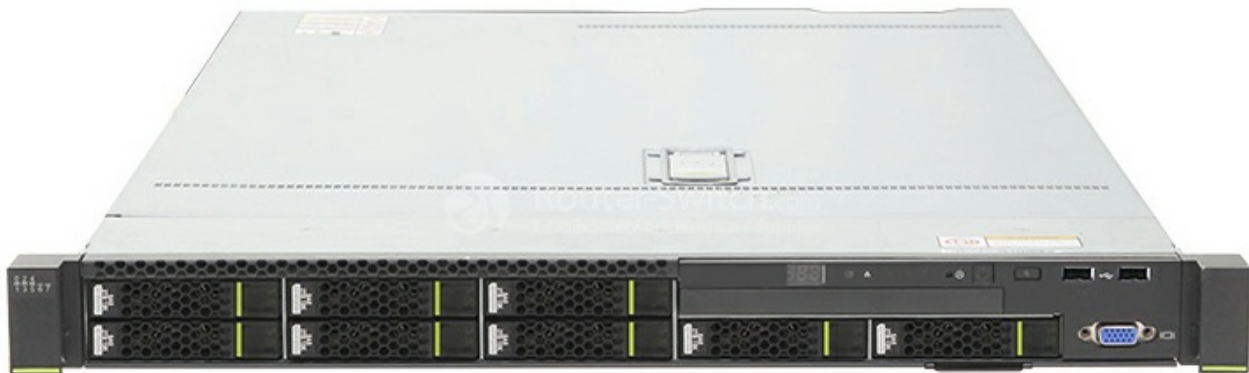
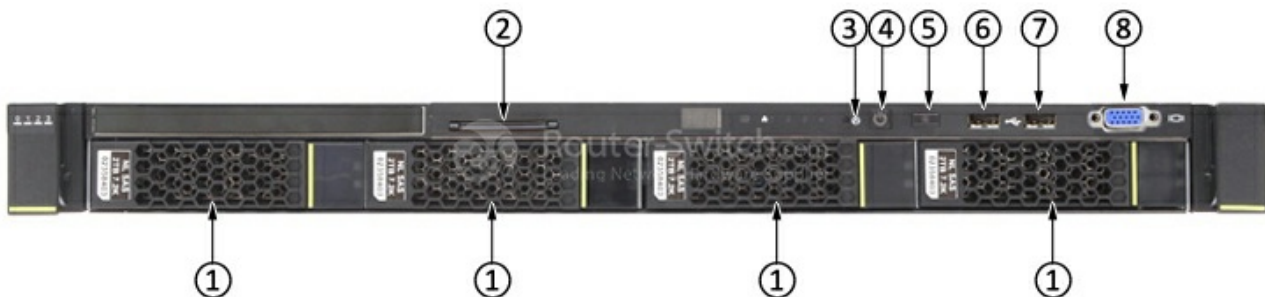


Figure 2 shows the front panel of RH1288 V3 server.

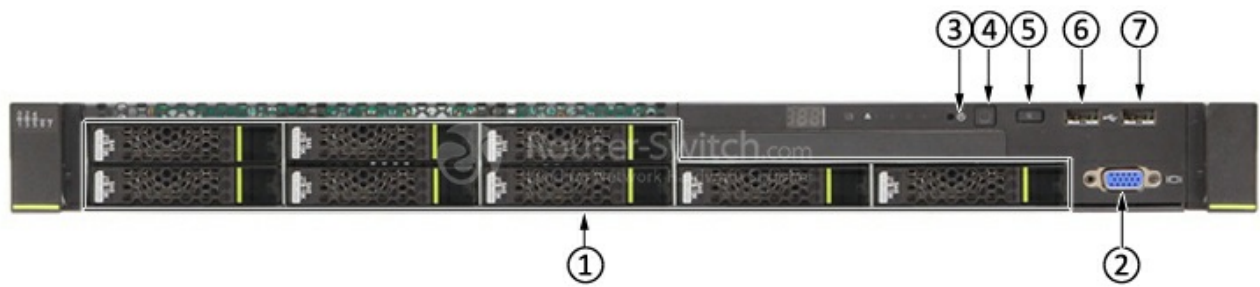
Figure 2-1 RH1288 V3 server 4-disk configuration.



Note:

(1)	Hard Disks	(5)	UID button/indicator
(2)	Label (including the ESN label)	(6)	USB 2.0 port
(3)	NMI button	(7)	USB 2.0 port
(4)	Power button/indicator	(8)	VGA port

Figure 2-2 RH1288 V3 server 8-disk configuration 1 (2.5-inch backplane for SAS HDDs, SATA HDDs, or SSDs).



Note:

(1)	Hard Disks	(5)	UID button/indicator
(2)	Video graphics array (VGA) port	(6)	USB 2.0 port
(3)	NMI button	(7)	USB 2.0 port
(4)	Power button/indicator		

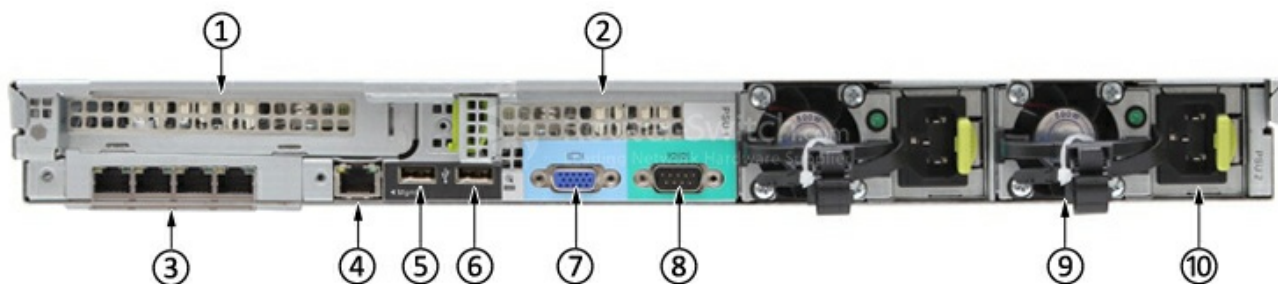
Figure 2-3 RH1288 V3 server 8-disk configuration 2 (2.5-inch backplane for NVMe PCIe SSDs).



Note:

(1)	Hard Disks
(2)	NVMe PCIe SSD

Figure 3 shows the back panel of RH1288 V3 server.



Note:

(1)	Full-height PCIe slot	(6)	USB 3.0 port
(2)	Half-height PCIe slot	(7)	VGA port
(3)	LAN on motherboard (LOM)	(8)	Serial port
(4)	Management network port (Mgmt)	(9)	PSU
(5)	USB 3.0 port	(10)	Power socket for a power supply unit (PSU)

Compare to Similar Items

Table 2 shows the comparison of HUAWEI RH1288 V3 RACK SERVER and HUAWEI RH2288H V3 RACK SERVER.

Model	HUAWEI RH1288 V3 RACK SERVER	HUAWEI RH2288H V3 RACK SERVER
Processors	Intel® Xeon® E5-2600 v3/v4 series processors	Intel® Xeon® E5-2600 v3/v4 series processors
Memory	16 DDR4 RDIMMs/LRDIMMs	24 DDR4 RDIMMs/LRDIMMs
LOM Network Ports	2 GE or 4 GE ports, or 2 x 10 GE ports, or 2 x 56 Gbit/s FDR InfiniBand ports	2 GE or 4 GE ports, or 2 x 10 GE ports, or 2 x 56 Gbit/s FDR InfiniBand ports
PCIe Expansion	Up to 3 PCIe slots	Up to 9 PCIe 3.0 slots
Fan Modules	5 hot-swappable fan modules in N+1 redundancy mode	Hot-swappable fan modules in N+1 redundancy mode
Power Supply Units	2 hot-swappable PSUs in 1+1 redundancy mode	2 hot-swappable PSUs in 1+1 redundancy mode

Get more information

Do you have any question about the HUAWEI RH1288 V3 RACK SERVER?

Contact us now via [Live Chat](#) or sales@router-switch.com.

Specification

HUAWEI RH1288 V3 RACK SERVER Specifications	
Form factor	1U rack server
Number of processors	1 or 2

Processor model	Intel® Xeon® E5-2600 v3/v4 series processors
Memory	16 DDR4 RDIMMs/LRDIMMs
Internal Storage	Hard disk configurations: <ul style="list-style-type: none">· 8 x 2.5-inch SAS/SATA HDDs or SSDs (4 NVMe SSDs supported by the NVMe model)· 4 x 3.5-inch SAS/SATA HDDs Built-in flash memory: <ul style="list-style-type: none">· 2 mini-SSD cards (SATADOMs)· 2 SD cards
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