

Overview

Huawei new-generation FusionServer 5288 V3 rack server delivers ultra-large local storage capacity, flexible resource expansion and high computing performance in 4U spaces. This rack server is ideal choice for cold date and cloud storage, video surveillance and big data applications. Huawei FusionServer 5288 V3 supports up to 2 Intel Xeon E5-2600 v3 Series processors, 16 DDR4 DIMMS, 6 PCIe 3.0 slots and 40 SAS or SATA disks. Moreover, Huawei FusionServer 5288 V3 uses dynamic energy management technology to adjust server operating status dynamically and limit power consumption to an optimal level, and uses proportion integration differentiation to control heat dissipation and fan speed adjustment policies, implements stepless speed regulation and on-demand allocation of heat dissipation resources, and minimizes power consumption and noise.

Quick Specs

Figure 1 shows the appearance of Huawei FusionServer 5288 V3 rack server.



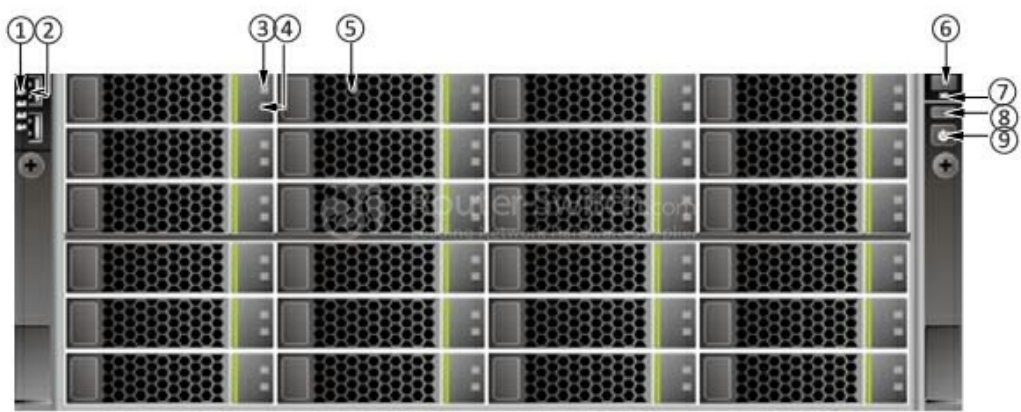
Table 1 shows the Quick Specs.

Product	Huawei FusionServer 5288 V3 rack server
Form factor	4 U rack server
Number of processors	One or two
Processor model	Intel® Xeon® E5-2600 v3/v4 series processors
Number of DIMM slots	8 or 16 slots for DDR4 RDIMMs or LRDIMMs
Memory	16 DDR4 RDIMMs/LRDIMMs
Internal Storage	5288 V3 with 40 hard disks Front: ·24 x 3.5-inch SAS/SATA HDDs Rear: ·16 x 3.5-inch SAS/SATA HDDs ·14 x 3.5-inch SAS/SATA HDDs + 2 x 2.5-inch SSDs or SAS/SATA HDDs ·12 x 3.5-inch SAS/SATA HDDs + 4 x 2.5-inch SSDs or SAS/SATA HDDs 5288 V3 with 28 hard disks Front: ·24 x 3.5-inch SAS/SATA HDDs Rear: ·4 x 3.5-inch SAS/SATA HDDs ·2 x 3.5-inch SAS/SATA HDDs + 2 x 2.5-inch SSDs or SAS/SATA HDDs ·4 x 2.5-inch SSDs or SAS/SATA HDDs

RAID	·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	Supported network configurations: ·2 GE electrical ports, supporting Network Controller Sideband Interface (NC-SI), Wake on LAN (WoL), and pre-boot execution environment (PXE) ·4 GE electrical ports, supporting NC-SI, WoL, and PXE ·2 x 10 GE optical ports, supporting NC-SI and PXE ·2 x 10 GE electrical ports, supporting NC-SI, WoL, and PXE ·2 GE electrical ports and 2 x 10 GE optical ports, supporting NC-SI, WoL, and PXE
PCIe Expansion	Up to 6 PCIe 3.0 slots
Fan Modules	Hot-swappable fan modules in N+1 redundancy mode
Power Supply Units	2 hot-swappable PSUs in 1+1 redundancy mode
Management	·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 40°C (41°F to 104°F), ASHRAE Class A3 compliant
Dimensions (H x W x D)	175 mm x 447 mm x 748 mm (6.89 in. x 17.60 in. x 29.45 in.)

Product Details

Figure 2 shows the front panel of Huawei FusionServer 5288 V3 rack server.

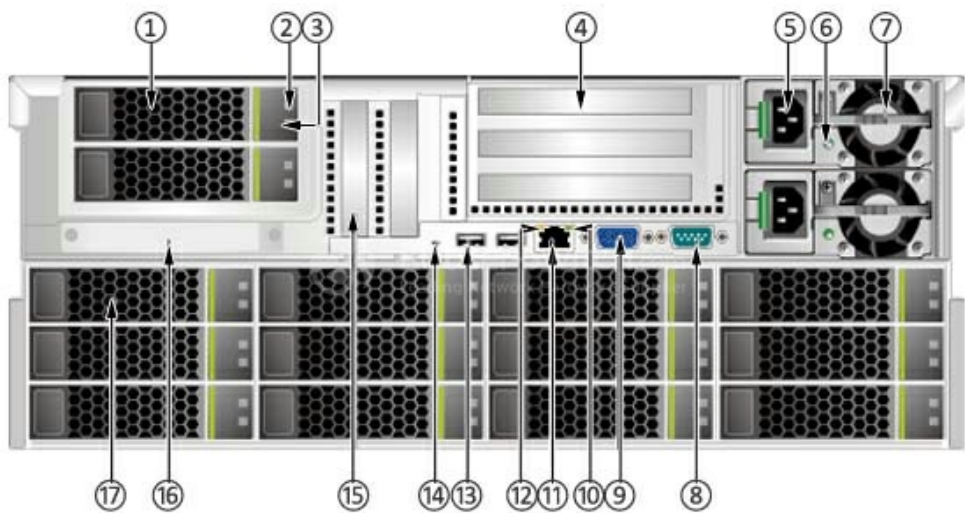


Note:

(1)	Network port link status indicators
(2)	USB 2.0 port
(3)	Hard disk fault indicator
(4)	Hard disk activity indicator
(5)	Hard disks (numbered 0 to 23 from top to bottom and from left to right)
(6)	Fault diagnosis LED
(7)	Health indicator

(8)	UID button/indicator
(9)	Power button/indicator

Figure 3 shows the back panel of Huawei FusionServer 5288 V3 rack server.



Note:

(1)	Rear hard disk	(2)	Hard disk fault indicator
(3)	Hard disk activity indicator	(4)	I/O module
(5)	PSU port	(6)	PSU indicator
(7)	PSU	(8)	Serial port
(9)	VGA port	(10)	Connectivity status indicator
(11)	Management network port (Mgmt)	(12)	Data transmission status indicator
(13)	USB 3.0 port	(14)	UID indicator
(15)	PCIe slot	(16)	LAN on motherboard (LOM)
(17)	Rear hard disk	—	—

Compare to Similar Items

Table 3 shows the comparison of Huawei FusionServer 5288 V3 rack server, Huawei FusionServer RH5885 V3 Rack Server and Huawei FusionServer RH5885H V3 Rack Server.

Product	Huawei FusionServer 5288 V3 rack server	Huawei FusionServer RH5885 V3 Rack Server	Huawei FusionServer RH5885H V3 Rack Server
Form factor	4 U rack server	4U rack server	4U rack server
Number of processors	One or two	2 or 4	2 or 4
Processor model	Intel® Xeon® E5-2600 v3/v4 series processors	Intel® Xeon® E7-4800 v3/v4 or E7-8800 v3/v4 processors, with an L3 cache capacity of 60 MB maximum	Intel® Xeon® E7-4800 v3/v4 or E7-8800 v3/v4 processors, with an L3 cache capacity of 60 MB maximum
Number of DIMM slots	8 or 16 slots for DDR4 RDIMMs or LRDIMMs	48 DIMMs, up to 3 TB (64 GB DIMMs)	96 DIMMs, up to 6 TB (using 64 GB DIMMs)
Memory	16 DDR4 RDIMMs/LRDIMMs	48 DIMMs	96 DIMMs

Internal Storage	5288 V3 with 40 hard disks Front: ·24 x 3.5-inch SAS/SATA HDDs Rear: ·16 x 3.5-inch SAS/SATA HDDs ·14 x 3.5-inch SAS/SATA HDDs + 2 x 2.5-inch SSDs or SAS/SATA HDDs ·12 x 3.5-inch SAS/SATA HDDs + 4 x 2.5-inch SSDs or SAS/SATA HDDs	8 or 23 x 2.5-inch SAS/SATA HDDs or SSDs, or 8 x 2.5-inch SAS/SATA HDDs + 4 x 2.5-inch NVMeS	8 or 23 x 2.5-inch SAS/SATA HDDs or SSDs, or 8 x 2.5-inch SAS/SATA HDDs + 4 x 2.5-inch NVMeS
	5288 V3 with 28 hard disks Front: ·24 x 3.5-inch SAS/SATA HDDs Rear: ·4 x 3.5-inch SAS/SATA HDDs ·2 x 3.5-inch SAS/SATA HDDs + 2 x 2.5-inch SSDs or SAS/SATA HDDs ·4 x 2.5-inch SSDs or SAS/SATA HDDs		

Get more information

Do you have any question about the Huawei FusionServer 5288 V3 rack server?

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Specification

Huawei FusionServer 5288 V3 rack server Specifications	
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PCIe expansion	A maximum of six PCIe slots.
PSU	·Two hot-swappable PSUs in 1+1 redundancy ·Supports 750 W and 1200 W Platinum AC PSUs.
Supported OS	·CentOS ·Citrix XenServer ·Microsoft Windows Sever ·Red Hat Enterprise Linux ·SUSE Linux Enterprise Server ·VMware ESXi
Certification	CE, UL, FCC, CCC, and RoHS
Installation suite	·Guide rails ·Hold rails and cable management arm (optional)
Operating Temperature	5°C to 40°C (41°F to 104°F), ASHRAE Class A3 compliant
Dimensions (H x W x D)	175 mm x 447 mm x 748 mm (6.89 in. x 17.60 in. x 29.45 in.)

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