

Huawei FusionServer Pro 2288/2288H V5 Server



	2288 V5	2288H V5
Form factor	2U rack server	
Processors	1 or 2 1st Generation Intel® Xeon® Scalable processors (3100/4100/5100/6100/8100 series), up to 125 W 1 or 2 2nd Generation Intel® Xeon® Scalable processors (3200/4200/5200/6200/8200 series), up to 125 W	1 or 2 1st Generation Intel® Xeon® Scalable processors (3100/4100/5100/6100/8100 series), up to 205 W 1 or 2 2nd Generation Intel® Xeon® Scalable processors (3200/4200/5200/6200/8200 series), up to 205 W
Chipset platform	Intel C621	Intel C622
Memory	16 DDR4 DIMM slots, up to 2,933 MT/s	24 DDR4 DIMM slots, 2933 MT/s; up to 12 DCPMMs, 2666 MT/s
Internal storage	Supports hot-swappable hard drives with the following configuration options: <ul style="list-style-type: none"> 8 x 2.5-inch SAS/SATA hard drives or SSDs 12/16 x 3.5-inch SAS/SATA hard drives 27 x 2.5-inch SAS/SATA hard drives or SSDs NVMe SSD card: <ul style="list-style-type: none"> 4 x NVMe SSD cards Flash storage: <ul style="list-style-type: none"> 2 M.2 SSDs 	Supports hot-swappable hard drives with the following configuration options: <ul style="list-style-type: none"> 8 x 2.5-inch SAS/SATA hard drives 12/16/20 x 3.5-inch SAS/SATA hard drives 4, 8, 12, 24, or 28 NVMe SSDs 31 x 2.5-inch SAS/SATA hard drives Flash storage: <ul style="list-style-type: none"> 2 M.2 SSDs
RAID support	<ul style="list-style-type: none"> RAID 0, 1, 10, 1E, 5, 50, 6, or 60 Configured with a supercapacitor for cache power-off protection Supports RAID level migration, drive roaming, self-diagnosis, and web-based remote configuration 	
Network ports	LOM: 2 GE ports Flexible NIC: 2 x GE, 4 x GE, 2 x 10GE, or 1/2 x 56G FDR IB ports	LOM: 2 x 10GE + 2 x GE ports Flexible NIC: 2 x GE, 4 x GE, 2 x 10GE, 2 x 25GE, or 1/2 x 56G FDR IB ports
PCIe expansion	Up to 8 PCIe 3.0 slots, including 1 for a RAID controller card and 1 for a flexible NIC.	Up to 10 PCIe 3.0 slots, including 1 for a RAID controller card and 1 for a flexible NIC.
Heterogeneous accelerator cards	/	2 dual-slot FHFL GPU heterogeneous accelerator cards For details, visit https://support.huawei.com/online/toolsweb/ftca/indexEn?serise=2 .
Fan modules	4 hot-swappable counter-rotating fan modules with support for N+1 redundancy	
Power supply units	2 hot-swappable PSUs with support for 1+1 redundancy and the following configuration options: <ul style="list-style-type: none"> 550 W AC Platinum PSUs (input: 100 V to 240 V AC, or 192 V to 288 V DC) 900 W AC Platinum PSUs (input: 100 V to 240 V AC, or 192 V to 288 V DC) 1500 W AC Platinum PSUs 1000 W (input: 100 V to 127 V AC) 1500 W (input: 200 V to 240 V AC, or 192 V to 288 V DC) 	2 hot-swappable PSUs with support for 1+1 redundancy and the following configuration options: <ul style="list-style-type: none"> 550 W AC Platinum PSUs (input: 100 V to 240 V AC, or 192 V to 288 V DC) 900 W AC Platinum/Titanium PSUs (input: 100 V to 240 V AC, or 192 V to 288 V DC) 1500 W AC Platinum PSUs 1000 W (input: 100 V to 127 V AC) 1500 W (input: 200 V to 240 V AC, or 192 V to 288 V DC) 1500 W 380 V HVDC PSUs (input: 260 V to 400 V DC) 1200 W -48 V to -60 V DC PSUs (input: -38.4 V to -72 V DC)
Management	<ul style="list-style-type: none"> Huawei iBMC integrates one dedicated management GE network port to provide comprehensive management features such as fault diagnosis, automated O&M, and hardware security hardening. iBMC supports standard interfaces such as Redfish, SNMP, and IPMI 2.0; provides a remote management interface based on HTML5/VNC KVM; supports CD-free deployment and the Agentless feature, simplifying management. (Optional) Configured with the Huawei eSight or FusionDirector management software to provide advanced management features such as stateless computing, batch OS deployment, and automated firmware upgrade, enabling smart and automatic entire-lifecycle management. 	
Operating Systems	Microsoft Windows Server, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, CentOS, Citrix XenServer, VMware ESXi For details, visit https://support.huawei.com/online/toolsweb/ftca/indexEn?serise=2 .	
Security	Power-on password, Administrator password, Trusted Platform Module (TPM), Security front panel	
Operating temperature	5°C to 40°C (41°F to 104°F), compliant with ASHRAE A2 and A3	5°C to 45°C (41°F to 113°F), compliant with ASHRAE A3 and A4
Certification	CCC	CE, UL, FCC, CCC, and RoHS
Installation suite	L-shaped guide rails, adjustable guide rails, and holding rails	
Dimensions (H x W x D)	Chassis with 3.5-inch hard drives: 86.1 mm x 447 mm x 748 mm (3.39 in. x 17.60 in. x 29.45 in.) Chassis with 2.5-inch hard drives: 86.1 mm x 447 mm x 708 mm (3.39 in. x 17.60 in. x 27.87 in.)	

*Last update: February 26, 2020

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