

Huawei FusionServer Pro 1288H V5 Server



Form factor	1U rack server
Processors	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 C622
Memory	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"> • 10 x 2.5-inch hard drives (6–8 NVMe SSDs and 2–4 SAS/SATA drives, with a total number of 10 or less) • 10 x 2.5-inch SAS/SATA/SSDs (2–4 NVMe SSDs and 6–8 SAS/SATA HDDs, with a total number of 10 or less) • 10 x 2.5-inch SAS/SATA/SSDs • 8 x 2.5-inch SAS/SATA hard drives • 4 x 3.5-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, 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 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 5 PCIe 3.0 slots, including 1 for a RAID controller card and 1 for a flexible NIC
Heterogeneous accelerator cards	2 single-slot HHHH GPU heterogeneous accelerator cards For details, visit https://support.huawei.com/online/toolsweb/ftca/indexEn?serie=2 .
Fan modules	7 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/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?serie=2 .
Security	<ul style="list-style-type: none"> • Power-on password • Administrator password • Trusted Platform Module (TPM) • Security front panel
Operating temperature	5°C to 45°C (41°F to 113°F), compliant with ASHRAE A3 and A4
Certification	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: 43 mm x 447 mm x 748 mm (1.70 in. x 17.60 in. x 29.45 in.) Chassis with 2.5-inch hard drives: 43 mm x 447 mm x 708 mm (1.70 in. x 17.60 in. x 27.87 in.)

*Last update: February 26, 2020

For more information

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<https://e.huawei.com/en/products/cloud-computing-dc/servers>



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