



**光语**  
GLORY

# FusionServer G5500 V7-G

**Datasheet**



## ■ Product Overview

The FusionServer G5500 V7-G is a new generation 4U2 GPU server that supports up to 10 dual wide GPU cards and has the ability to expand with 4 PCIe standard cards and 3 OCP cards. It provides ultra large capacity or high-speed storage by supporting 24 3.5-inch hard drives or 12 NVMe SSD drives. G5500 V7-G has the advantages of high performance, flexible architecture, high reliability, easy deployment, and easy management. G5500 V7-G accelerates applications such as AI training, AI inference, HPC, image and video analysis, and databases, supporting deployment in both enterprise and public clouds.

## ■ ■ Product Specifications

Form	4U GPU server
Processor	Two fourth generation Intel ® xeon ® Scalable processor (Sapphire Rapids), supporting a maximum power of 350W per processor
Chipset	Emmitsburg PCH
Memory	32 flexible memory slots available, supporting 4800MT/s, with a maximum capacity of 128GB per slot
Local Storage	Supports multiple different hard drive configurations, and the hard drive supports hot swapping:
	-Up to 24 3.5-inch SAS/SATA hard drives can be configured
	-Up to 12 NVMe SSD drives+8SATA/SAS hard drives can be configured, supporting Flash storage: dual M.2 SSDs
RAID Support	Optional configuration supports RAID0, 1, 10, 5, 50, 6, 60, etc., supports Cache supercapacitor protection, provides RAID level migration, disk roaming, self diagnosis, web remote settings and other functions
GPU Acceleration Card	Supports 10 dual width GPU acceleration cards
Network	Multiple network expansion capabilities, supporting 3 OCP 3.0 network cards
PCIe Extension	Up to 14 PCIe 5.0 standard slots, including 10 GPU card specific slots
Fan	6/8 hot swappable counter rotating fans, supporting N+1 redundancy
Power Supply	Four hot swappable power modules can be configured, supporting N+N/N+M redundancy, and supporting two types of power supplies: platinum/titanium. The optional specifications are as follows:
	-1500W 380V High Voltage DC Power Supply (Input: 260VDC to 400VDC)
	-1200W -48V to -60VDC power supply (input: -38.4VDC to -72VDC)
	-2000W AC Platinum/Titanium Power Supply
	1800W (Input: 200VAC to 220VAC or 192VDC to 200VDC)
	2000W (Input: 220VAC to 240VAC or 200VDC to 288VDC)
	2150W (Input: 230VAC to 240VAC or 230VDC to 288VDC, only supported by titanium metal)
	-3000W AC Titanium Power Supply
	2500W (Input: 200VAC to 220VAC or 192VDC to 200VDC)
	2900W (Input: 220VAC to 230VAC or 200VDC to 230VDC)
	3000W (Input: 230VAC to 240VAC or 230VDC to 288VDC)
Administration	IBMC chip integrates a dedicated management GE network port, providing comprehensive fault diagnosis, automated operation and maintenance, hardware security reinforcement and other management features:
	-IBMC supports standard interfaces such as Redfish, SNMP, IPMI2.0, etc; Provide a remote management interface based on HTML5/VNC KVM; Support out of band management functions such as monitoring, diagnosis, configuration, Agentless, and remote control, simplifying management complexity
	-Optional FusionDirector management software, providing advanced management features such as five intelligences, to achieve intelligent, automated, visualized, and refined management throughout the entire lifecycle
operating system	Microsoft Windows Server, SUSE Linux Enterprise Server, Red Hat Enterprise Linux,Ubuntu, etc
Security features	Support security features such as power on password, administrator password, TPM 2.0, security panel, secure boot, lid opening detection, etc
Working Temperature	5 ° C-40 ° C (41 ° F-104 ° F), compliant with ASHRAE Class A1/A2/A3*
Product Certification	CCC, CQC, VCCI, CE, etc
Apt-get Install	Support L-shaped slide, extendable slide, and rail support
Dimensions (H × W × D)	175mm×447mm×898mm



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