



# Huawei FusionServer G2500 Smart Video Analytics Server

HUAWEI TECHNOLOGIES CO., LTD.



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FusionServer G2500

The Huawei FusionServer G2500 smart video analytics server provides superior capabilities for video, picture and voice analysis and ultra-large local storage. The Huawei FusionServer G2500 is positioned for scenarios with hybrid applications of smart analytics and data storage. It is an ideal analytics platform for applications such as safe city, smart transportation, financial surveillance, and smart community.

#### For more information

To learn more about Huawei's Servers, contact Huawei sales representatives or business partners, or visit:

<http://e.huawei.com/cn/products/cloud-computing-dc/servers>



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#### Why Huawei servers?

Huawei is a world-leading server provider with a broad spectrum of server offerings including rack, high-density, blade servers and KunLun Mission Critical Servers. Huawei is the industry's only vendor that has the integrated capabilities of server R&D, manufacture, and delivery. Huawei servers have been recognized for their superior quality, rock-solid reliability, extraordinary performance, ease of management, energy efficiency, and security. Huawei servers have served over 5,000 customer accounts across various industries around the globe, including government, finance, electric power, Internet, telecom, energy, transportation, and education.

## Feature Highlights

### Superior Analytics Performance

- Supports 16 NVIDIA® Tesla® P4 accelerator card
- Meets requirements of 256-channel smart video analysis for human, vehicles and things

### Ultra-large Storage Capacity

- Supports 24 3.5" hard drives with up to 240 TB local storage capacity
- Meets massive storage requirements of video streams, and supports real-time information retrieving

### Outstanding Capability for Edge Computing Scenarios

- Supports ambient temperature of up to +55°C, suitable for working in harsh conditions
- Supports installation in short cabinets with 675 mm-deep chassis specifications

## Technical Specifications

FusionServer G2500	
Form factor	4U Video Analytics Server
GPU accelerator card	Up to 16 NVIDIA® Tesla® P4
Processors	Two Intel® Xeon® E5-2600 v4 processors
Memory	12 DDR4 DIMMs
Internal storage	24 x 3.5-inch SAS/SATA hard drives
RAID	RAID 0, 1, 10, 5, 50, 6, or 60
LOM network ports	GE and 10GE
Management	Uses an on-board iBMC module for management Supports IPMI, SOL, KVM over IP, and virtual media Externally provides one 1 Gbit/s RJ45 management network port
Operating systems	Microsoft Windows Server Red Hat Enterprise Linux SUSE Linux Enterprise Server CentOS
Operating temperature	5°C to 40°C @16 NVIDIA® Tesla® P4 5°C to 55°C @8 NVIDIA® Tesla® P4
Dimension (H x W x D)	175mm x 447mm x 675mm

The specifications are subject to change without notice.