



## Inspur Power Systems FP5468G2

Best platform for deep learning and AI cloud

FP5468G2 provides superior heterogeneous computing power for applications such as Internet AI public cloud, enterprise AI cloud platform, DL training and DL inference

### Feature spotlights

#### Superior system computing power

- Support 8 V100 or 20 T4 GPUs to provide full-field superior heterogeneous computing power
- Support 2 POWER9 Sforza processors with up to 44 cores and 176 threads, providing superior scheduling capability
- Tuning for specific deep learning models, performance up to 20% compared to equivalent X86 platforms
- Fully compatible with FPGA/AISC, providing application-specific acceleration

#### Ultra-high computing density for significant TCO savings

- Compared to regular 2U 4GPU servers, double computing density
- Supporting the same number of GPUs and comparing to lower-density GPU server cluster, FP5468G2 space saved by 50%, power saved by 23%, measured computing power increased by 8%, price reduced by 34%, for 500 server clusters can save TCO over 10 million dollars

#### Flexible heterogeneous topology

- Support three topologies - balance, common and cascade
- Flexible topology switching based on application scenarios/training models

#### Efficient, high-volume local storage and high-speed IO expansion

- Support up to 24 3.5" hard drives, 6 of which support U.2 NVMe SSD providing high read and write speed
- Support 4 standard PCIe x16 slots, providing 100Gb RDMA high speed network

## Tech Specs & Customization

<b>Processor</b>	POWER9 Sforza CPU , 2 Sockets, 2.75GHz, 190W up to 22 cores enabled on a single chip , each core supports 4 threads
<b>Memory</b>	16 DDR4 RDIMM, speeds up to 2666MHz, 1TB max
<b>Drive Bays</b>	Front drive bays: 24 x 3.5" SAS/SATA/SSD, max support 6 U.2 NVMe Internal drive bays: 2 x M.2 SSD
<b>Network Ports</b>	On-board 2 10Gb SFP
<b>PCIe Expansion</b>	Up to 4 PCIe16 slots
<b>RAID</b>	<ul style="list-style-type: none"><li>• RAID 0/1/5/6/10/50/60</li><li>• Supports 1/2/4 GB cache; supports a supercapacitor for cache power-off protection</li></ul>
<b>Ports</b>	Front ports: 1 x VGA, 2 x USB 3.0, 1x serial Rear ports: 1xVGA, 2 x USB 3.0, IPMI Manager network port
<b>GPU</b>	Max support 8 V100 or 20 T4 GPU
<b>Power</b>	Platinum 2000W/2200W , 4 hot plug power supplies with 2+2 redundancy
<b>OS</b>	Red Hat Enterprise Linux、 SUSE Linux Enterprise Server、 Ubuntu Server、 NeoKylin、 Redflag
<b>Chassis</b>	435mm × 175.5mm × 830mm
<b>Weight</b>	<70kg
<b>Operating Temperature</b>	5°C to 35°C (41 °F to 95 °F )