

INSPUR i24 M5 SERVER Brand-new 2U 4xNodes High-density Server for Data Center



Inspur i24 is a 2U multi-node rack-mounted high-density server, maintaining Inspur servers' consistent high efficiency and reliable performance and having the highest computing density to meet the deployment demand. We describe it as the best whole solution for reducing cloud data center TCO by saving resource, space and cost. Targeting at users like large and medium-sized enterprises and Internet, i24 is optimized for applications as HPC, Cloud, distributed infrastructure and hyper-converged infrastructure.

2U4xNodes High-density

- The 2U enclosure supports 4x 2-socket half-width server nodes, compute density 2 times up than rack server to save more space.
- Modular designing brings fast deployment, saving installing time up to 50%
- All nodes are sharing PSU and fan (power supply and heat dissipation). Single node saves 15% energy.

High Reliability Easy management

- 1+1 redundant PSU and fan to keep system running steadily, lowering cost caused by room or component failure.
- I24 supports encrypted TPM security chip to guarantee data and information system security.
- I24 Supports BMC+CMC, by which customer could manage PSU and fans conveniently. Any node is able to be supervised by remote management module.

High performance High scalability

- In the full-flash mode, i24 is able to be installed 24*NVMe hard drives to accelerate 10 times faster than usual. Rising IPOS brings quicker cache and lower latency.
- I24 supports multiple configuration AEP memory to enlarge capacity and prevent data loss. Faster data processing to meet the demand of various applications.
- Node has more PCIe extension, more NIC optional, which leads to flexible network structure plan.

Parameters i24

Model 2U 4x 2-socket compute nodes

Power supply 2*2000W 80Plus Platinum PSU, supporting 1+1 redundant (100 V~240 V AC /192 V ~ 300 V DC)

Dimension 2.5": 446(W) × 87.5(H) × 805(D)
3.5": 446(W) × 87.5(H) × 845(D) (mm)

Front Hard Drives 12*3.5" /24* 2.5" SATA/SAS/NVMe SSD (Averaged distributed on 4 nodes)

Node Parameters NS5162M5

Processors 2 Intel® Xeon® scalable processors

Memory 16*DDR4 DIMMs, 2400/2666/2933Mhz/AEP

Internal Storage 2*M.2 SSD

IO extension 2* PCIe 3.0 x16 slots

NIC controller 1*OCP standard card

Working Temperature 5°C ~ 35°C