



H3C UniServer B5700 G6 Server

2-Socket Computing Node



Rich specification

- Up to 2 sockets
- Up to 4 drives
- Up to 6 PCIe slots

Centralized deployment

- Touchable LCD module
- Intelligent management system

Advanced design

- Intelligent cooling system
- Intelligent monitoring system
- 88 RAS features

Product Overview

H3C UniServer B5700 G6 dual-socket computing node is designed for a wide range of configurations and complex deployment scenarios. It can flexibly optimize critical IT applications based on workloads, thereby reducing Total Cost of Ownership (TCO), accelerating IT service delivery, and improving business performance, helping you achieve time-to-value faster and seize opportunities in the dynamic business landscape.

Product features

- Single node supports 2 GPU cards, creating an integrated small-scale inference cluster
- Single node supports PB-level storage, accommodating GB to PB storage requirements
- Built-in IB switch delivers a compact, integrated HPC solution
- Bare-metal virtualization automates server configuration collection, image creation, and image distribution
- Auto-deployment module automatically discovers and manages infrastructure
- Automated lifecycle management module for one-click firmware/driver upgrades
- Intelligent log analysis: analyzes system logs, intelligently prioritizes, and proactively uploads to higher-level O&M systems
- Smart memory inspection reduces memory failure rate by 95%, ensuring stable memory operation
- RuiLiu cooling system supports 5°C–45°C operating temperatures for guaranteed system stability

Application scenarios

- Virtualization — Run multiple workloads on multiple B5700 G6 servers to maximize IT space utilization
- Daily management (CRM, ERP) — Deliver an integrated “one-box-as-a-data-center” solution
- HPC — High-density computing power enables more efficient deployment

Technical specifications

CPU	2 4th/5th Generation Intel®Xeon SP series 225W power consumption
Chipset	Intel® C741
Memory	16 DDR5 RDIMM slots, 5600 MT/s data rate
Raid controller	Embedded RAID controller (SATA RAID 0,1,5) Mezzanine RAID HBA controller (SATA/SAS RAID 0,1) Mezzanine RAID storage controllers (SATA/SAS 0,1,10,5,6,50,60)
FBWC	4 GB cache, support supercapacitor protection*
Storage	Front 3SFF bays* Front SAS/SATA HDD/SSD/NVMe drives, maximum 2 NVMe drives Front/Embedded 2 M.2 SSDs
Network	2 Onboard 1 Gbps Ports Internal mezzanine slots for 4x10GE, 2x10GE, 2x25GE, 2x16GE, 2 x32GE NIC, 2x100GE(EDR) Front PCIe standard slots for ethernet adapter
Expansion slots	6 PCIe Slots 2 standard PCIe 5.0 slots, 3 mezzanine slots, 1 RAID-dedicated slot
Ports	1 Front USB 3.0 port, Front SUV port (2 USB 2.0, Serial port, VGA port)
GPU	2 LP GPU modules
Optical drive	External optical disk drive, pptional
Management	Chassis integrated
Security	TPM2.0
Power supply	Chassis integrated
Operating temperature	5°C to 45°C (41°F to 113°F) *
Dimensions	Single height and half width

- *The options may be different depending on the specific requirement. Restrictions and limitations may apply. To confirm availability, refer to related user guide or visit H3C website <https://www.h3c.com/en/home/htb/>.



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