



H3C UniServer R3350 G7 Server

Optimized 1-Socket Storage Rack Server



Superior Storage Capability

- PB scale storage capacity
- Up to 44* HDD drivers

Excellent Computing performance

- 1 AMD EPYC 9005/9004
- 12 DDR5 DIMM
- 4 double-width GPUs or 8 single-slot GPUs*

Good TCO

- 1 socket design to reduce software licensing costs and lower power consumption
- CPU, FAN and power supply support adaptive adjustment
- 5-dimension intelligent management brings lower maintainence cost

Product Overview

As data explosion continues in the AI era, enterprises need better ways to meet the demand of huge data storage with lower investment.

Powered by H3C UniServer R3350 G7 rack server, the new design provides high-efficiency, reliable and good TCO rack storage solution. The architecture is built with AMD Turin/Genoa CPU and multi - hard drivers in 4U size for high density storage, data processing and linear scaling up. It enables CSP and enterprise workloads, such as distributed storage, big data, etc.

Product features

Computing and storage integrated rack server

H3C UniServer R3350 G7 is based on AMD Turin/Genoa platform, supporting up to 192 cores*, 12 DDR5 DIMM with 6400MT/s, and SATA, SAS, NVMe drivers. Hard driver configurations differ depending on end user demanding, at most 44* HDD for data storage. 4 double-width GPUs or 8* single-slot GPUs are supportive for business requesting parallel computing. The flexible IO design supports 12 PCIe slots for diverse data services.

Green design

H3C UniServer R3350 G7 is 1 socket design. Versus 2 socket server, it reduces software licensing costs by 50% and power consumption greatly under the same CPU computing. CPU, FAN and power supply is adaptive adjustment according to workload, temperature, etc. to make best practice for power efficiency. 5-dimension intelligent management integrated into H3C Uniserver smart management system promotes business online and processing by 10 times, up to 95% fault diagnosis accuracy and lowers unexpected downtime by 40%. The server provides convenient and high efficient maintainence experience, and balances resources and cost investment.

Technical specifications

CPU	1 AMD EPYC 9005/9004 CPU Up to 192* cores, maximum power 500W
Memory	Up to 12 DDR5 DIMM, up to 6400MT/s RDIMM or 3DS RDIMM
RAID controller	Optional RAID controller based on standard PCIe slot RAID 0/1/5/6/10/50/60
Storage	Up to 44* 3.5-inch SATA/SAS hard drives Up to 20* U.2 NVMe SSDs Up to 2 SATA M.2 hard drives, supporting hardware Raid 0/1
Networking	Up to 2 onboard OCP 3.0 NICs Network adapter based on standard PCIe slot InfiniBand 1Gbps HDM Out-of-band port
Expansion slots	Up to 10 PCIe5.0 standard slots and 2 OCP 3.0
I/O ports	2 VGA(front and rear), 5 USB(4 USB3.0(1 front+2 rear+1 built-in)+1 USB2.0), 1 Type C (front for HDM dedicated)
GPU	Up to 4 double-width or 8 single-width GPU modules*
Management	H3C HDM Standard License, iFIST (embedded), H3C Advanced Feature Package License (optional, requires licenses), H3C UniSystem (requires download) Support LCD touchable intelligent management module
Security	Chassis intrusion detection TCM/TPM security module CPU built-in dedicated security processor
Power supply	Titanium 1600W, Platinum 1300W/1600W/2000W/2700W power supply in 1+1 redundancy, hot-swappable Hot-swappable FANs
Standards	CE,VCCI,CB, etc.
Temperature	Working temperature: 5° C ~ 45° C (41° F ~ 113° F) (Working temperature differs in different configuration) Storage temperature: -40~85°C (-40 ° F ~ 185° F)
Dimensions (H×W×D)	4U Without a security bezel: 174.8x447x781 mm (6.88x17.6x30.75 in) With a security bezel: 174.8x447x814 mm (6.88x17.6x33.0 in)

* : 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/>.



New H3C Technologies Co., Limited
Beijing Headquarters
Tower 1, LSH Center, 8 Guangshun South Street, Chaoyang
District, Beijing, China
Zip: 100102
Hangzhou Headquarters
No.466 Changhe Road, Binjiang District, Hangzhou,
Zhejiang, China
Zip: 310052
Tel: +86-571-86760000
Fax: +86-571-86760001

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