



H3C UniServer R2900 G3 Server

2U Dual Socket Rack Server for Growing Enterprises

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New H3C Technologies Co., Limited

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R2900 G3

Overview

H3C R2900 G3, as the new product line of H3C UniServer G3 series, H3C UniServer is designed to meet the needs of small-to medium sized business (SMBs), large enterprises and service providers.

Features and benefits

Meets the requirements of SMBs and budgetary datacenter

Offering the best performance at the best market price, with leading-edge storage scalability and other optional IT equipments, H3C UniServer R2900 G3 server provides the flexibility and scalability for 2U rack deployments and applications.

UniServer R2900 G3 server is a fully integrated server that is cost-effective, flexible, and scalable, H3C UniServer R2900 G3 server is your right choice.

Ideal to address your storage needs

Support up to 31 hard-drives or 16 NVMe SSD drives, H3C UniServer R2900 G3 offers a leading storage scalability that stands out from the same level and support a variety of storage workloads. In order to support SMBs database, file services, Windows storage, or the demanding big data applications – Apache Hadoop or others for appropriate computing and storage, R2900 G3 is able to optimize the cost to provide the most suitable service.

Integrated with scalability, high availability and efficiency

Powered by Intel® Xeon® Processor Scalable Family, with 16 DIMM slots, 96% energy efficient power supply, 5-50°C operating temperature (for higher ambient temperature support), optional mLOM function with flexible slots and redundancy. H3C UniServer R2900 G3 server is able to deliver greater scalability and higher availability to fulfill the deployment requirements for virtualization and extra large scale environments.

Simple and compact design provides easy-to-configure and easy-to-use features, providing rooms for H3C infrastructure management to improve efficiency and flexibility, which speeds up IT service delivery.

Specifications

Item	Specification
Computing	Up to 2 Intel® Xeon® Processor Scalable Family, 4/6/8/10/12/14/16/20 cores, support up to 125W
Memory	16 DDR4 memory; Support up to 2666MT/s; Support RDIMM or LRDIMM, Up To 1TB capacity
Storage Controller	Standard array controller, support SATA RAID 0/1/10/5 Optional HBA card on Array card slot, support SATA/SAS RAID 0/1/10 Optional Array cards on Array card-specific slot, support RAID 0/1/10/5/6/50/60/1E/Simple Volume Optional standard PCIe 3.0 HBA and Smart Array card
FBWC	Support up to 2GB DDR3-1,866 MHz, 72-bit wide bus at 14.9 GB/s IO performance
Local Storage	Support SAS/SATA HDD/SSD hard disk; Maximum support 12LFF front mounted drive and 2 SFF rear mounted drive; Maximum support 25SFF front mounted drive and 4SFF + 2LFF rear mounted drive; Support up to 16 Front NVMe hard drives & Support 256GB SATA M.2 options
Network	Embedded 1Gbps HDM management network port; Optional 4×1GE electrical ports, 2×10GE Electrical Ports, 2×10GE optical ports through mLOM, mLOM Supports NCSI function, optional standard PCIe 3.0 network adapter options
Expansion slot	Upto 7 PCIe 3.0 slots (6 standard slots, 1 Array card slot)
Ports	Optional front VGA, Standard rear VGA, serial port, 5 USB 3.0 (1 front, 2 rear, 2 built-in), Optional 1 USB 2.0 and 2 MicroSD
GPU Support	Support 2 double wide GPU options upto 10.5"
CD-ROM drive	Support external/ built-in (4LFF/8SFF models only)
Management	HDM agentless management tools (with independent management port) and H3C FIST management software
Power & Cooling	Optional Platinum Level 550W/800W/1200W Optional Titanium Level 800W Optional Platinum Level 800W 336VHDC 1+1 redundant power supply Passed 80 Plus certification, up to 96% energy efficiency conversion rate Support hot-swappable redundant fans
Certification	Support CCC, CECP, SEPA certification



Item	Specification
Temperature	5°C ~ 50°C (Operating temperature is subjected to change with different configuration effects. Please refer to product technical documentation description for more details)
Shape / Chassis depth	87.5mm (H) * 445.5mm (W) * 735mm (D) (without security panel) 87.5mm (H) * 445.5mm (W) * 768.45mm (D) (without security panel)
Warranty	3 Years Next Business Day Warranty



The Leader in Digital Solutions

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

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