



H3C UniServer R2700 G3 Server

Cost-Performance 1U Dual Socket Rack Server

Release Date: November, 2019



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Overview

H3C R2700 G3 is managed to deliver scalability, reliability, with high performance in a slim and less space consuming. The user-friendly system design, together with the simple and efficient management solution, reduces the total cost of ownership for growing-enterprises.

As a self-controllable and economic dual 1U rack server, R2700 G3 has adopted the latest Intel® Xeon® processor Scalable Family and six-channel 2666MHz DDR4 memory technology, to improve server performance by 50%. Users may achieve a higher ROI through stages of IT investment that follow their business needs. Complete management solution enable life-cycle management which greatly reduces the difficulty in server management and maintenance.

Features and Benefits

Address data centres' space constraints with performance and cost-effectiveness

R2700 G3 server is an ideal choice for data center with limitation of space, which balances the workload between performance, effectiveness, and density.

- Medium-sized Data Centre–Loading for medium-sized enterprises and cloud service providers data centre
- IT Infrastructure – Basic IT applications for SMEs
- Distributed Computing - Cloud and big data applications in distributed environment
- Virtualized applications - Medium density virtual machine deployment

To support your heterogeneous IT environment, R2700 G3 server supports Microsoft® Windows® and Linux operating systems, as well as VMware and H3C CAS environments.

Specifications

Item	Specification
Computing	Up to 2 Intel® Xeon® Processor Scalable Family, 4/6/8/10/12/14/16/20 Cores, Maximum Support Power of 125W
Memory	Up to 16 DDR4 memory, Maximum support 2666MT/s, support RDIMM or LRDIMM, maximum capacity of 2TB
Storage Controller	Standard Array controller support SATA RAID 0/1/10/5 Optional HBA card on Array card Slot, Support SATA/SAS RAID 0/1/10/5 Optional Array cards on Array card-specific slot, Support RAID0/1/10/5/6/50/60/1E Optional standard PCIe 3.0 HBA and Smart Array card
FBWC	Support up to 2GB 72-bit wide bus DDR3-1600MHz cache
Local Storage	Maximum support 4LFF front mounted drive and 2SFF rear mounted drive; Maximum support 10 SFF front mounted and 2SFF rear mounted drive; Support SAS/SATA HDD/SSD hard drive Support 4 Front NVMe hard drive Support SATA M.2 options
Network	Embedded 1Gbps management network port Optional 4 × 1GE electrical ports options through mLOM Optional standard PCIe 3.0 network adapter options
Slot Expansion	4 PCIe 3.0 slots (2 standard slots, 1 Array card slot, 1 network card slot)
Ports	Optional front VGA, standard rear VGA, serial port; 4 USB 3.0 (2 Rear, 2 Built-in); optional 2 MicroSD
GPU Support	Support 2 Single Wide GPU options
CD-ROM Drive	Support external / Built-in (4 LFF/8 SFF models only)
Management	HDM agentless management tools (with independent management port) and H3C FIST management software
Power & Cooling	Optional Platinum Level 550W/800W/1200W 1+1 redundant power supply Optional Titanium Level 800W Optional Platinum Level 800W 336VHDC Support hot-swappable redundant fans
Certification	Support CCC, CECP, SEPA Certification
Temperature	5°C ~ 45°C (Operating temperature is subjected to change with different configuration effects. Please refer to product technical documentation description for more details)
Shape / Chassis Depth	42.88mm (H) * 434.59mm (W) * 768.3mm (D) (without safety panel) 42.88mm (H) * 434.59mm (W) * 780.02mm (D) (including safety panel)
Warranty	3 Years Next Business Day Warranty

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