



H3C UniServer E3300 G6

Edge transformer for computing and network convergence



Powerful edge computing capability

- Each node supports up to 32 CPU cores
- Each node supports up to 8 memory slots.
- Each node supports 1 single-width GPU card

Specifically designed for edge scenarios

- Compatible with 600mm-deep cabinets
- Supports harsh environments including wide temperature ranges and high humidity
- Meets relevant standards for vibration resistance, EMC, and more
- M-CRPS titanium power supply, green and efficient

Network-Computing Convergence, Flexible and Efficient

- Multi-node, modular new form factor
- Supports optional switch boards for edge-side ICT convergence deployment
- Supports compute-intensive, storage-intensive, I/O-intensive, and GPU-type nodes to meet diverse requirements across various

Product Overview

H3C UniServer E3300 G6 server is a 2U multi-node edge server independently developed by H3C based on the ODCC OTII-E standard to address complex and dynamic edge scenarios. This server offers advantages such as modularity, multi-node architecture, computing-network convergence, compact flexibility, and green efficiency. It can be widely deployed across various edge computing scenarios, including 5G, edge cloud, edge-integrated machines, edge AI, and edge device control. This server is suitable for typical applications across industries such as carriers, enterprises, power and energy, and transportation.

As an independently developed 2U multi-node edge server, H3C UniServer E3300 G6 based on the latest Intel® Eagle Stream platform, Each node supports one Intel® Xeon® Scalable 4th Generation SPR, Edge Enhanced SPR-EE, or 5th Generation Scalable EMR processor. Paired with 8-channel 5600MT/s DDR5 memory technology, it enables up to 2TB of memory expansion per node and a 75% bandwidth increase. Server I/O achieves PCIe 5.0 bandwidth speeds, delivering a 100% increase in data bandwidth compared to the previous generation. By configuring a switch board, it provides 8 x 10GE and 2 x 40GE network ports externally, supporting unified management of dual nodes and switch boards through a single GE management aggregation port.

Product benefits

With the H3C UniServer E3300 G6 server, you can confidently tackle diverse edge environment challenges:

- **Modular Design:** The E3300 G6 decouples compute nodes from the chassis, allowing you to select different nodes* to meet diverse edge requirements. Nodes come in sizes including 1U half-width, 1U full-width, and 2U half-width, and functionally include general-purpose compute, storage-intensive, I/O-intensive, and GPU-equipped variants.
- **Multi-Node:** Supports up to two nodes within a 2U chassis, enabling a single E3300 G6 to form a highly available edge computing cluster.
- **Computing-Network Convergence:** Supports optional switch nodes, reducing total cost of ownership through converged IT and CT deployments.
- **Compact Flexibility:** Features a short chassis design suitable for 600mm-deep cabinets, desktop placement, and other edge scenarios.
- **Green and Efficient:** Incorporates M-CRPS titanium-grade power supplies for smaller footprint and higher efficiency; employs front-mounted I/O and hard drives for optimized thermal management.

Technical specifications

Form factor	Front maintenance design, 2U2N configuration, compliant with OTII-E technical standards
CPU	Up to 1x Intel Eagle Stream processor per node (supporting SPR-EE, SPR, and EMR processors) - Up to 225 W per processor - Up to 32 cores per processor
Chipset	Intel® C741 chipset
Memory	Up to 8 x DDR5 memory slots per node, with a speed up to 5600 MT/s, 1DPC
Raid controllers	- Onboard storage controller, supporting SATA RAID 0, 1, 10, and 5 (Optional) HBA cards and storage controllers in standard PCIe slots, with support for supercapacitors
Storage	- Supports either 1x onboard SATA M.2 module or 1 x 4 NVMe M.2 module per node - Supports up to 4 x 2.5-inch SAS/SATA/U.2 NVMe SSD/HDD drives per node
Network	- Each node has 2 onboard GE network ports - Each node supports 1 standard PCIe slot, compatible with x16 HHHH cards - Each node supports 1 hot swappable OCP 3.0 network adapter - Each node supports 1 Mezzanine card slot
Switching module	Supports 1 switch board, provides 8 x 10GE and 2 x 40GE network ports, 1x GE management network port, 1 x serial port
Ports	Supports 1x mini DP, 2 x USB 3.0 ports, 1x dedicated HDM management port
GPU	Supports 1xLP GPU card per node
Optical drive	External optical drives
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 TPM 2.0 and Intel SGX2.0
Power Supply	2 x 1000W Titanium M-CRPS power supplies (1+1 redundancy), supporting hot swapping and rear maintenance Supports 4 x 8038 and 8056 hot-swappable fan modules in redundancy, support rear maintenance.
Standards	CE, UL etc.
Operating temperature	Long-term: 0°C to 50°C (32°F to 122°F); Short-term: -5°C to 55°C (23°F to 131°F) Humidity: long-term: 5% to 85%; short-term: 5% to 90% EMC: CLASS A
Dimensions (H × W × D)	87.5 × 440.0 × 470.0 mm (3.44 × 17.32 × 18.50 in)

- * Planned product specifications. For specific current configurable profile, please refer to the technical manual or consult H3C sales representatives.
- 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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