Huawei Server Portfolio

HUAWEI

FusionServer Pro

Rack Servers

1288H V5 — 1U 2P

- 1 or 2 Intel® Xeon® Scalable processors, up to 205 W
- 24 DDR4 DIMMs, up to 2933 MT/s, 12 Intel® Optane™ PMem modules (100 series), up to 2666 MT/s
- Up to 4 3.5" or 10 2.5" hard drives + 2 M.2 SSDs, hot-swappable (up to 8 NVMe SSDs)
- Up to 5 PCIe slots

2288H V5 — 2U 2P

- 1 or 2 Intel® Xeon® Scalable processors, up to 205 W
- 24 DDR4 DIMMs, up to 2933 MT/s, 12 Intel® Optane™ PMem modules (100 series), up to 2666 MT/s
- Up to 20 3.5" or 31 2.5" hard drives + 2 M.2 SSDs, hot-swappable (up to 24 NVMe SSDs)
- Up to 10 PCIe slots

2488 V5 — 2U 4P

- 2 or 4 Intel® Xeon® Scalable processors, up to 205 W
- 32 DDR4 DIMMs, up to 2933 MT/s, 8 Intel® Optane™ PMem modules (100 series), up to 2666 MT/s
- Up to 25 2.5" hard drives + 2 M.2 SSDs, hot-swappable (up to 8 NVMe SSDs)
- Up to 9 PCIe slots

2488H V5 — 2U 4P

- 2 or 4 Intel® Xeon® Scalable processors, up to 205 W
- 48 DDR4 DIMMs, up to 2933 MT/s, 24 Intel® Optane™ PMem modules (100 series), up to 2666 MT/s
- Up to 25 2.5" hard drives + 2 M.2 SSDs, hot-swappable (up to 24 NVMe SSDs)
- Up to 11 PCIe slots

2488H V6 — 2U 4P

- 2 or 4 Intel® Xeon® Scalable processors, up to 250 W
- 48 DDR4 DIMMs, up to 3200 MT/s, 24 Intel® Optane™ PMem modules (200 series), up to 2666 MT/s
- Up to 25 2.5" hard drives + 2 M.2 SSDs, hot-swappable (up to 24 NVMe SSDs)
- Up to 11 PCIe expansion slots

5288 V5 — 4U 2P

- 1 or 2 Intel® Xeon® Scalable processors, up to 205 W
- 24 DDR4 DIMMs, up to 2933 MT/s, 12 Intel® Optane™ PMem modules (100 series), up to 2666 MT/s
- Up to 44 3.5" + 4 2.5" hard drives + 2 M.2 SSDs, hot-swappable (8 NVMe SSDs)
- Up to 8 PCIe slots

5885H V5 — 4U 4P

- 2 or 4 Intel® Xeon® Scalable processors, up to 205 W
- 48 DDR4 DIMMs, up to 2933 MT/s, 24 Intel® Optane™ PMem modules (100 series), up to 2666 MT/s
- Up to 25 2.5" hard drives + 2 M.2 SSDs, hot-swappable (24 NVMe SSDs)
- Up to 15 PCIe slots

High-Density Servers

X6000 — 2U 4-Node

Ideal for cloud computing, web applications, and HPC scenarios

- **Ultimate for high-density computing**
  Supports 4 1U half-width server nodes (XH321) in a 2U chassis and up to 24 NVMe SSD disks
- **Simplified management and easy O&M**
  Supports multi-node aggregation management and integrates the out-of-band fault diagnosis system and expert warning library, achieving a fault locating accuracy of over 93%
- **Shared architecture and high energy efficiency**
  Supports PSU and fan module sharing for multiple compute nodes and uses the patented dynamic energy management technology (DEMT) to reduce energy consumption by 15% on average

XH321 V5 — 2P

- 1 or 2 Intel® Xeon® Scalable processors, up to 205 W
- 16 DDR4 DIMMs, up to 2933 MT/s, 4 Intel® Optane™ PMem modules (100 series), up to 2666 MT/s
- 6 2.5" or 3 3.5" hard drives + 2 M.2 SSDs, hot-swappable (up to 6 NVMe SSDs)
- 2 PCIe slots
- 2 GE ports and 2 10GE ports

XH321L V5 — 2P

- 1 or 2 Intel® Xeon® Scalable processors, up to 205 W
- 16 DDR4 DIMMs, 2933 MT/s
- 6 2.5" or 3 3.5" hard drives + 2 M.2 SSDs, hot-swappable (up to 6 NVMe SSDs)
- 2 PCIe slots
- 2 GE ports and 2 10GE ports

X6800 — 4U 4-Node

Ideal for cloud computing and big data scenarios

- **Flexible use**
  Supports multiple types of server nodes, such as computing, storage, and I/O nodes, in the 4U chassis; massive local storage and new SSD technologies; multiple half-load networks, such as 2 x GE, 4 x GE, 2 x 10GE, and 2 x GE + 2 x 10GE.
- **Energy saving**
  Supports centralized power supply, heat dissipation, and high-voltage DC, reducing power consumption

XH628 V5 — 2P

- 1 or 2 Intel® Xeon® Scalable processors, up to 165 W
- 16 DDR4 DIMMs, up to 2933 MT/s, 4 Intel® Optane™ PMem modules (100 series), up to 2666 MT/s
- 14 2.5" or 12 3.5" hard drives + 2 M.2 SSDs, hot-swappable
- 2 PCIe slots
- 2 GE ports and 2 10GE ports

Blade Servers

E9000 — 12U 8/16-Node

Applicable to scenarios such as enterprise critical business, carrier NFV, and HPC

- **Superior performance**
  Up to 64 CPUs, 32 Tbit/s midplane bandwidth; 40GE and IB EDR (100G) networks; full-width slots support up to 15 2.5" or 6 3.5" hard drives, or 12 NVMe SSDs
- **Converged architecture**
  Modular design for compute, storage, switch, heat dissipation, and power supply; dynamic expansion architecture for 2S and 4S compute nodes
- **Excellent energy efficiency**
  80 PLUS Platinum/Titanium PSUs; supports DEMT and liquid cooling solution; ENERGY STAR certified

CH121 V5 — 2P

- 1 or 2 Intel® Xeon® Scalable processors, up to 205 W
- 24 DDR4 DIMMs, 2933 MT/s
- 2 2.5" hard drives + 4 M.2 SSDs, hot-pluggable (up to 2 NVMe SSDs)
- 2 mezzanine slots
- 1 PCIe slot

CH121L V5 — 2P

- 1 or 2 Intel® Xeon® Scalable processors, up to 205 W
- 24 DDR4 DIMMs, 2933 MT/s
- 2 2.5" hard drives + 4 M.2 SSDs, hot-pluggable
- 2 mezzanine slots
- 1 PCIe slot
- Board-level liquid cooling and air-to-liquid heat exchange, no need for row air-conditioners or water chillers

CH242 V5 — 4P

- 2 or 4 Intel® Xeon® Scalable processors, up to 205 W
- 48 DDR4 DIMMs, 2933 MT/s
- 4 2.5" hard drives + 8 M.2 SSDs, hot-pluggable (up to 4 NVMe SSDs)
- 4 mezzanine slots
- 2 PCIe slots

Heterogeneous Servers

G5500 Full-Width Server — 4U 1-Node

- 2 Intel® Xeon® Scalable processors
- Up to 8 NVIDIA® Tesla® V100/P100/T40/T4
- PCIe GPU model: supports 8 3.5" + 8 2.5" hard drives, hot-pluggable (up to 6 NVMe SSDs)

G5500 Half-Width Server — 4U 2-Node

- 2 Intel® Xeon® Scalable processors
- Up to 16 NVIDIA® Tesla® T4, 4 V100/P100/T40, or 8 V100 (150 W)
- 16 T4 model: supports 2 2.5" hard drives hot-pluggable (up to 2 NVMe SSDs)
- 4 dual-slot GPU model or 8 single-slot GPU model: supports 4 3.5" or 2 2.5" hard drives, hot-pluggable (up to 2 NVMe SSDs)

KunLun Mission Critical Servers

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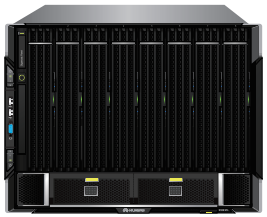

Engineered for critical workloads and ideal for scenarios such as traditional databases, database and application consolidation, in-memory computing, and HPC fat nodes. KunLun leverages innovative RAS 2.0 technology to perfectly combine the x86 ecosystem with reliability comparable to that of UNIX servers, helping customers shift from closed to open architectures and unlock the full potential of accelerated innovation.

- Compelling reliability: Leverages RAS 2.0 to provide Proactive Failure Analysis Engine (PFAE); industry's only mission critical server to support physical CPU and memory module hot swap, maximizing business continuity.
- Flexible consolidation: Supports physical and logical partitioning at the same time; provisions physical compute resources on demand for better utilization; supports elastic expansion.
- Open ecosystem: Huawei works with world-leading partners to foster an open, holistic industry chain, offer E2E solutions, drive better economics for critical business, and enable better ROI or enterprise IT.

Portfolio

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