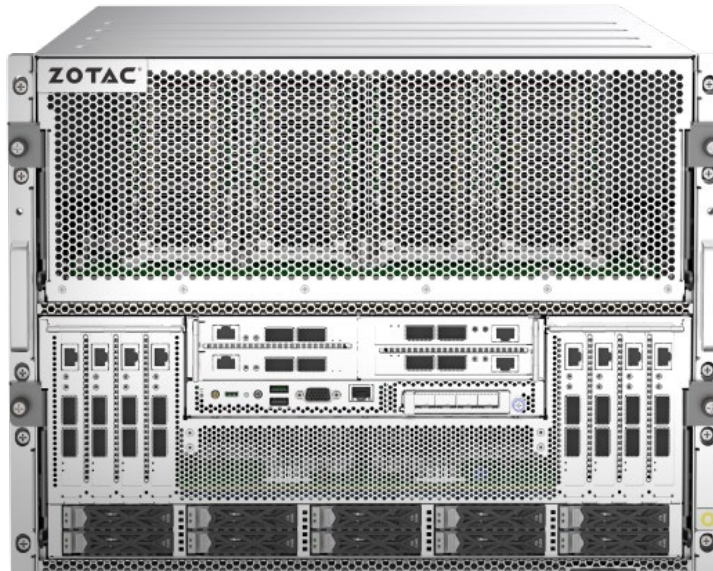


## Premier Series

**8U**  
FORM FACTOR

**2**  
CPU  
SOCKETS

**32**  
DIMM



## ZRS-3290H1

8U Dual Intel CPU Rack Mount GPU Server (barebone)

### REFERENCE NUMBERS

- Barebone Package: ZRS-3290H1

### FEATURES

- 5TH AND 4TH GEN. INTEL® XEON® SCALABLE PROCESSORS
- 8-CHANNEL RDIMM DDR5 PER PROCESSOR, 32 X DIMMS
- DUAL 1GB/S LAN SUPPORT (RJ45)
- OPTIMIZED AIR COOLING 8U RACKMOUNT CHASSIS
- COMPATIBLE WITH LATEST NVIDIA® HGX MODULES AND AMD® INSTINCT OAM MODULES

### APPLICATIONS

- LLM AI Training
- LLM Fine Tuning
- AI Cloud



<b>DIMENSIONS</b>	900mm x 447.0mm x 352mm / 33.46 in x 17.26 in x 6.97 in
<b>CPU</b>	5th and 4th Generation Intel® Xeon® Scalable Processors Intel® Xeon® Platinum / Gold / Silver Processor support Intel Xeon® Max series up to 350W TDP
<b>SOCKET</b>	2 x LGA 4677 (Socket E)
<b>CHIPSET</b>	Intel C741
<b>MEMORY</b>	32 x DDR5 RDIMM / RDIMM-3DS slots RDIMM modules (up to 96GB) RDIMM-3DS modules (up to 256GB) 8-channel per processor 5th Gen Intel® Xeon®: Up to *5600MHz (1DPC), 4400MHz(2DPC) 4th Gen Intel® Xeon®: Up to 4800MHz (1DPC), 4400MHz(2DPC) Intel® Xeon® Max Series: Up to 4800MHz (1DPC), 4400MHz(2DPC)
<b>LAN</b>	2 x 1Gbps Intel LAN ports (I350) 1 x Dedicated management port (BMC)
<b>VIDEO</b>	Integrated Aspeed® AST2600 1920x1200@60Hz, DDR4 SDRAM
<b>STORAGE</b>	Up to 10 x 2.5 inch NVMe SSD , or Up to 10 x 2.5 inch SATA SSD drive support 1 x SATA / NVMe (M.2) SSD drive - Internal
<b>RAID</b>	Intel® SATA RAID 0/1/10/5 (Software RAID)
<b>EXPANSION SLOTS</b>	Compatible with latest NVIDIA® HGX modules and AMD® Instinct OAM module
<b>FRONT I/O</b>	8 x 2.5 inch NVMe SSD - for GPU 2 x 2.5 inch SATA/NVMe SSD - for CPU 1 x SATA / NVMe (M.2) SSD - Internal
<b>Rear I/O</b>	1 x USB 3.0 + 1 x USB 2.0 (USB Type A) 1 x VGA (DB15) 2 x 1Gbps Ethernet ports (RJ45) 1 x Dedicated IPMI Management Port (RJ45 MLAN) 1 x UID button with LED 1 x System Power Button with indicator 1 x System Status LEDs 1 x COM (UART port) over Type-C
<b>TPM</b>	1 x TPM header with SPI interface Optional TPM 2.0 Module
<b>POWER SUPPLY</b>	2 x 2700W 12V Power Supply Unit for CPU module (1+1 redundant) 6 x 3200W 54V Power Supply Unit for GPU module (3+3 redundant)
<b>OS COMPATIBILITY</b>	Windows Server 2022 / 2019 (x64) Red Hat Enterprise Linux 9.2 / 9.1 / 9.0 / 8.7 / 8.6 (x64) SUSE Linux Enterprise Server 15SP4 (x64) Ubuntu 22.04.3 / 22.04.2 / 22.04.1 / 22.04 LTS (x64) VMware ESXi 8.0 Update 1 / 7.0 Update 3i Citrix Hypervisor 8.2 LTSR CU1
<b>SYSTEM COOLING</b>	15 x hot plug fans - 80x80x86mm , N+1 redundant
<b>OPERATING PROPERTIES</b>	Operating temperature: 10°C to 35°C Operating humidity: 8%-80% (non-condensing) Non-operating temperature: -40°C to 60°C Non-operating humidity: 20%-95% (non-condensing)
<b>CONTENTS</b>	1 x full barebone unit*

\*GPU, CPU, CPU Cooler, Memory, Storage, and OS are not included in the barebone system