
COMPLETE ENTERPRISE SYSTEMS

AI Servers and Rack-Scale Systems

A purchasing reference for 50 GPU server and integrated rack configurations.

Server Configurations

PCIe inference builds, HGX and DGX nodes, AMD Instinct platforms.

Rack and Cluster Scope

Complete rack options, facility interfaces and configuration-specific purchasing requirements.

Edition October 20, 2026 · Document GSS-CAT-2026-10

[Buyer resources and product documentation](#)

Prepared by GPU SERVER SOURCE. Manufacturer names identify the referenced platforms.

USING THIS CATALOG

Compare the Complete Scope

The installed equipment list, deployment requirements and commercial terms determine whether offers are comparable.

1. Select the Architecture

Define application, framework, memory requirements and intended GPU communication. Review PCIe, HGX/DGX, AMD and rack configurations against the workload.

2. Specify Installed Equipment

Confirm GPU count, CPU choice, system RAM, enterprise boot/data SSDs, network interfaces and required OEM GPU components.

3. Define Site and Services

Include electrical capacity, airflow or liquid cooling, rack space, network fabric, delivery access, installation and acceptance scope.

4. Confirm the Offer

Establish equipment condition, supply, lead time, support provider, coverage, software entitlements, freight and taxes in writing.

Three Price Meanings

Public supplier starting price — a sourced price for the stated equipped configuration, checked on the listed date.

Indicative planning budget — an estimate for early procurement planning.

Quotation required — price depends on the complete equipment list and project scope.

Configuration and Availability

RAM build targets are proposed configurations. Quotation-defined memory is an unspecified installed capacity, not a platform maximum. Catalog inclusion does not confirm stock.

Rubin: allocation planning. A100: condition and warranty confirmation. Liquid-cooled platforms: model-specific rack and onsite integration requirements apply.

Specifications describe a reference configuration. Installed equipment, condition, availability, lead time and support are confirmed in the written quotation. Prices are in USD. Planning budgets and public supplier references are indicative; the final offer defines price, taxes, shipping, installation and included services. Direct sales contacts are pending; website RFQ preparation does not send an inquiry.

CONFIGURATION COMPARISON

PCIe GPU Servers

Part 1 of 3 · 7 complete-system configurations

System / OEM platform	GPU configuration	Memory / format	USD price basis
PowerEdge R760xa · 4× L40S DELL R760xa · Four-GPU configuration	4 × L40S Build to order	512 GB · proposed build target 2U · Air cooling	On request Quotation required System information
PowerEdge R760xa · 8× L4 DELL R760xa · L4 inference configuration	8 × L4 Build to order	512 GB · proposed build target 2U · Air cooling	On request Quotation required System information
PowerEdge R7615 · 2× L40S DELL R7615 · Single-socket AMD configuration	2 × L40S Build to order	512 GB · proposed build target 2U · Air cooling	On request Quotation required System information
PowerEdge R770 · 2× RTX PRO DELL R770 · Blackwell Server Edition build	2 × RTX PRO 6000 BW Build to order	512 GB · proposed build target 2U · Air cooling	On request Quotation required System information
PowerEdge R770 · 6× L4 DELL R770 · Six-GPU inference configuration	6 × L4 Build to order	512 GB · proposed build target 2U · Air cooling	On request Quotation required System information
PowerEdge R7725 · 2× RTX PRO DELL R7725 · Dual-socket AMD build	2 × RTX PRO 6000 BW Build to order	512 GB · proposed build target 2U · Air cooling	On request Quotation required System information
PowerEdge R750xa · 4× A100 DELL R750xa · Prior-generation PCIe build	4 × A100 PCIe Prior-generation sourcing	512 GB · proposed build target 2U · Air cooling	On request Quotation required System information

Product names link to full PDF specifications. "BW" denotes Blackwell; all RTX PRO entries use Server Edition GPUs. Proposed RAM targets and quotation-defined memory are distinguished from equipped reference configurations. Catalog inclusion does not confirm inventory.

CONFIGURATION COMPARISON

PCIe GPU Servers

Part 2 of 3 · 7 complete-system configurations

System / OEM platform	GPU configuration	Memory / format	USD price basis
ThinkSystem SR650 V3 · 3× L40S LENOVO SR650 V3 · Triple-GPU configuration	3 × L40S Build to order	512 GB · proposed build target 2U · Air cooling	On request Quotation required System information
ThinkSystem SR675 V3 · 8× L40S LENOVO SR675 V3 · 8-DW PCIe configuration	8 × L40S Build to order	1.5 TB · proposed build target 3U · Air cooling	On request Quotation required System information
ProLiant DL380a Gen11 · 4× L40S HPE DL380a Gen11 · P54903-B21 CTO-based build	4 × L40S Build to order	512 GB · proposed build target 2U · Air cooling	On request Quotation required System information
ProLiant DL380a Gen12 · 8× RTX PRO HPE DL380a Gen12 · P76706-B21 CTO-based build	8 × RTX PRO 6000 BW Build to order	2 TB · proposed build target 4U · Air cooling	On request Quotation required System information
Hyper 2U · 2× L4 SUPERMICRO SYS-621H-TN12R · Configured inference server	2 × L4 Build to order	256 GB · proposed build target 2U · Air cooling	On request Quotation required System information
GPU SuperServer · 4× L40S SUPERMICRO SYS-421GE-TNRT · Four-GPU build	4 × L40S Build to order	512 GB · proposed build target 4U · Air cooling	On request Quotation required System information
Gold Series 2U · 2× RTX PRO SUPERMICRO SYS-212GB-FNR-01-G2 · Equipped OEM configuration	2 × RTX PRO 6000 BW Confirm availability	512 GB 2U · Air cooling	\$66,680.45 Public supplier starting price Price source · October 14, 2026 System information

Product names link to full PDF specifications. “BW” denotes Blackwell; all RTX PRO entries use Server Edition GPUs. Proposed RAM targets and quotation-defined memory are distinguished from equipped reference configurations. Catalog inclusion does not confirm inventory.

CONFIGURATION COMPARISON

PCIe GPU Servers

Part 3 of 3 · 3 complete-system configurations

System / OEM platform	GPU configuration	Memory / format	USD price basis
GPU SuperServer 2U · 2× H100 SUPERMICRO SYS-221GE-NR · H100 PCIe configuration	2 × H100 PCIe Build to order	512 GB · proposed build target 2U · Air cooling	On request Quotation required System information
GPU SuperServer 4U · 4× A100 SUPERMICRO SYS-420GP-TNR · Prior-generation PCIe build	4 × A100 PCIe Prior-generation sourcing	1 TB · proposed build target 4U · Air cooling	On request Quotation required System information
Gold Series 4U · 4× RTX PRO SUPERMICRO SYS-422GA-NRT-01-G2 · Equipped OEM configuration	4 × RTX PRO 6000 BW Confirm availability	1 TB 4U · Air cooling	\$127,673.00 Public supplier starting price Price source · October 14, 2026 System information

Product names link to full PDF specifications. "BW" denotes Blackwell; all RTX PRO entries use Server Edition GPUs. Proposed RAM targets and quotation-defined memory are distinguished from equipped reference configurations. Catalog inclusion does not confirm inventory.

CONFIGURATION COMPARISON

HGX and DGX Systems

Part 1 of 4 · 7 complete-system configurations

System / OEM platform	GPU configuration	Memory / format	USD price basis
HGX B300 (Intel) SUPERMICRO SYS-822GS-NB3RT-01-G2 · Gold Series	8 × B300 Confirm availability	2 TB 8U · Air cooling	\$590,000 Indicative planning budget System information
HGX B300 (AMD) SUPERMICRO AS-8126GS-NB3RT-01-G2 · Gold Series	8 × B300 Confirm availability	3 TB 8U · Air cooling	\$680,000 Indicative planning budget System information
NVIDIA DGX B300 NVIDIA DGX B300 · Blackwell Ultra	8 × B300 Confirm availability	2 TB 10U · Air cooling	\$650,000 Indicative planning budget System information
PowerEdge XE9780 DELL XE9780 · NVIDIA HGX B300 configuration	8 × B300 Confirm availability	To be specified in quotation 10U · Air cooling	On request Quotation required System information
XA NB3I-E12 ASUS XA NB3I-E12 · NVIDIA HGX B300	8 × B300 Confirm availability	To be specified in quotation 9U · Air cooling	On request Quotation required System information
ThinkSystem SR680a V4 LENOVO SR680a V4 · B300 system configuration	8 × B300 Confirm availability	To be specified in quotation 8U · Air cooling	On request Quotation required System information
HGX Rubin NVL8 SUPERMICRO / CISCO SYS-222GS-R2BT-ALC · Integrated deployment	8 × Rubin Allocation inquiry	To be specified in quotation 2U · Liquid cooling	On request Quotation required System information

Product names link to full PDF specifications. "BW" denotes Blackwell; all RTX PRO entries use Server Edition GPUs. Proposed RAM targets and quotation-defined memory are distinguished from equipped reference configurations. Catalog inclusion does not confirm inventory.

CONFIGURATION COMPARISON

HGX and DGX Systems

Part 2 of 4 · 7 complete-system configurations

System / OEM platform	GPU configuration	Memory / format	USD price basis
NVIDIA DGX H100 NVIDIA DGX H100 · Complete 8-GPU system	8 × H100 Supply constraints reported	2 TB 8U · Air cooling	\$440,620 Public supplier starting price Price source · October 14, 2026 System information
NVIDIA DGX H200 NVIDIA DGX H200 · Complete 8-GPU system	8 × H200 Confirm availability	2 TB 8U · Air cooling	\$467,311 Public supplier starting price Price source · October 14, 2026 System information
NVIDIA DGX B200 NVIDIA DGX B200 · 4 TB reseller configuration	8 × B200 Confirm availability	4 TB 10U · Air cooling	\$562,154 Public supplier starting price Price source · October 14, 2026 System information
HGX H100 · Intel 8U SUPERMICRO SYS-821GE-TNHR · H100 configuration	8 × H100 Build to order	To be specified in quotation 8U · Air cooling	On request Quotation required System information
HGX H200 · AMD 8U SUPERMICRO AS-8125GS-TNHR · H200 configuration	8 × H200 Build to order	To be specified in quotation 8U · Air cooling	On request Quotation required System information
HGX B200 · Intel 8U SUPERMICRO SYS-822GS-NBRT · Air-cooled configuration	8 × B200 Build to order	To be specified in quotation 8U · Air cooling	On request Quotation required System information
HGX B200 · Intel Liquid SUPERMICRO SYS-422GA-NBRT-LCC · Rack-integrated configuration	8 × B200 Rack integration required	To be specified in quotation 4U · Liquid cooling	On request Quotation required System information

Product names link to full PDF specifications. “BW” denotes Blackwell; all RTX PRO entries use Server Edition GPUs. Proposed RAM targets and quotation-defined memory are distinguished from equipped reference configurations. Catalog inclusion does not confirm inventory.

CONFIGURATION COMPARISON

HGX and DGX Systems

Part 3 of 4 · 7 complete-system configurations

System / OEM platform	GPU configuration	Memory / format	USD price basis
HGX B200 · AMD Liquid SUPERMICRO AS-4126GS-NBR-LCC · Rack-integrated configuration	8 × B200 Rack integration required	To be specified in quotation 4U · Liquid cooling	On request Quotation required System information
PowerEdge XE9680 · H200 DELL XE9680 · Eight-GPU HGX configuration	8 × H200 Build to order	To be specified in quotation 6U · Air cooling	On request Quotation required System information
PowerEdge XE9680L · B200 DELL XE9680L · Liquid-cooled HGX configuration	8 × B200 Build to order	To be specified in quotation 4U · Liquid cooling	On request Quotation required System information
PowerEdge XE9685L · B200 DELL XE9685L · AMD liquid-cooled HGX configuration	8 × B200 Build to order	To be specified in quotation 4U · Liquid cooling	On request Quotation required System information
ThinkSystem SR680a V3 · B200 LENOVO SR680a V3 with B200 · Machine type 7DM9	8 × B200 Build to order	To be specified in quotation 8U · Air cooling	On request Quotation required System information
ESC N8-E11 · H200 ASUS ESC N8-E11 / E11V · Air-cooled H200 build	8 × H200 Build to order	To be specified in quotation 7U · Air cooling	On request Quotation required System information
ESC NB8-E11 · B200 ASUS ESC NB8-E11 · Eight-GPU Blackwell build	8 × B200 Build to order	To be specified in quotation 10U · Air cooling	On request Quotation required System information

Product names link to full PDF specifications. “BW” denotes Blackwell; all RTX PRO entries use Server Edition GPUs. Proposed RAM targets and quotation-defined memory are distinguished from equipped reference configurations. Catalog inclusion does not confirm inventory.

CONFIGURATION COMPARISON

HGX and DGX Systems

Part 4 of 4 · 2 complete-system configurations

System / OEM platform	GPU configuration	Memory / format	USD price basis
G593-SD1-AAX3 · H200 GIGABYTE G593-SD1-AAX3 · HGX H200 configuration	8 × H200 Build to order	To be specified in quotation 5U · Air cooling	On request Quotation required System information
G893-SD1-AAX5 · B200 GIGABYTE G893-SD1-AAX5 · HGX B200 configuration	8 × B200 Build to order	To be specified in quotation 8U · Air cooling	On request Quotation required System information

Product names link to full PDF specifications. “BW” denotes Blackwell; all RTX PRO entries use Server Edition GPUs. Proposed RAM targets and quotation-defined memory are distinguished from equipped reference configurations. Catalog inclusion does not confirm inventory.

CONFIGURATION COMPARISON

AMD Instinct Systems

7 complete-system configurations

System / OEM platform	GPU configuration	Memory / format	USD price basis
Instinct MI300X · Air SUPERMICRO AS-8125GS-TNMR2 · Complete AMD GPU build	8 × MI300X Build to order	To be specified in quotation 8U · Air cooling	On request Quotation required System information
Instinct MI300X · Liquid SUPERMICRO AS-4125GS-TNMR2-LCC · Integrated liquid build	8 × MI300X Rack integration required	To be specified in quotation 4U · Liquid cooling	On request Quotation required System information
Instinct MI325X · Air SUPERMICRO AS-8126GS-TNMR · MI325X configuration	8 × MI325X Build to order	To be specified in quotation 8U · Air cooling	On request Quotation required System information
Instinct MI325X · Liquid SUPERMICRO AS-4126GS-NMR-LCC · MI325X configuration	8 × MI325X Rack integration required	To be specified in quotation 4U · Liquid cooling	On request Quotation required System information
Instinct MI350X · Air SUPERMICRO AS-8126GS-TNMR · MI350X configuration	8 × MI350X Build to order	To be specified in quotation 8U · Air cooling	On request Quotation required System information
Instinct MI355X · Air SUPERMICRO AS-A126GS-TNMR · Complete AMD GPU build	8 × MI355X Build to order	To be specified in quotation 10U · Air cooling	On request Quotation required System information
Instinct MI355X · Liquid SUPERMICRO AS-4126GS-NMR-LCC · MI355X configuration	8 × MI355X Rack integration required	To be specified in quotation 4U · Liquid cooling	On request Quotation required System information

Product names link to full PDF specifications. "BW" denotes Blackwell; all RTX PRO entries use Server Edition GPUs. Proposed RAM targets and quotation-defined memory are distinguished from equipped reference configurations. Catalog inclusion does not confirm inventory.

CONFIGURATION COMPARISON

Rack-Scale Systems

3 complete-system configurations

System / OEM platform	GPU configuration	Memory / format	USD price basis
GB300 NVL72 NVIDIA / OEM Grace Blackwell Ultra · Complete rack system	72 × B300 Confirm availability	To be specified in quotation Rack · Liquid cooling	\$5M–\$6.5M Indicative planning budget System information
Vera Rubin NVL72 NVIDIA / OEM Rubin · Rack-scale deployment planning	72 × Rubin Allocation inquiry	To be specified in quotation Rack · Liquid cooling	On request Quotation required System information
GB200 NVL72 SUPERMICRO / NVIDIA SRS-GB200-NVL72 · Complete rack configuration	72 × B200 Build to order	To be specified in quotation 48U · Liquid cooling	On request Quotation required System information

Product names link to full PDF specifications. “BW” denotes Blackwell; all RTX PRO entries use Server Edition GPUs. Proposed RAM targets and quotation-defined memory are distinguished from equipped reference configurations. Catalog inclusion does not confirm inventory.