

PRODUCT SPECIFICATION / SUPERMICRO

HGX H100 · Intel 8U

SYS-821GE-TNHR · H100 configuration

An air-cooled eight-GPU HGX H100 node for distributed CUDA workloads.

GPU configuration	System memory	Form factor	Cooling
8 × H100	To be specified in quotation	8U	Air

GPU platform	8 × NVIDIA H100, 80 GB per GPU
CPU	Dual 4th / 5th Gen Intel Xeon Scalable
System memory configuration	Installed capacity specified in the quotation
Form factor	8U rackmount
Cooling	Air cooled; OEM fan and GPU enablement requirements apply
Storage	Installed enterprise boot and data SSDs selected in the quotation
Networking	Installed network interfaces and external fabric defined in the quotation

Quotation required · USD	A complete system is built to the quoted equipment list; GPU count and any memory target shown are selected configurations. CPU, installed RAM, enterprise boot/data SSDs, network adapters, power supplies and required OEM GPU components are included in the final bill of materials.
On request	
Build to order	

Manufacturer documentation

System page and quotation scope

Purchasing request information

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.