

INTRODUCING NVIDIA DGX H100

KEY APPLICATION:

High Performance Compute, Artificial Intelligence, Machine Learning/ Deep Learning, Training and Inferencing

KEY FEATURES:

- 8 NVIDIA H100 Tensor Core GPUs resulting in 32 petaFLOPS of FP8 compute
- 640GB VRAM
- Dual Intel Xeon Platinum 8480C Processors
- 30 Terabytes NVMe SSD
- 2TB of system memory
- 4x NVIDIA NVSwitches



PRODUCT SPECS:



#WEAREHPC

GPU	8x NVIDIA H100 Tensor Core GPUs
GPU Memory	640GB total
Performance	32 petaFLOPS FP8
NVIDIA® NVSwitch™	4x
System power usage	10.2kW max
CPU	Dual Intel® Xeon® Platinum 8480C Processors 112 Cores total, 2.00 GHz (Base), 3.80 GHz (Max Boost)
System memory	2TB
Networking	4x OSFP ports serving 8x single-port NVIDIA ConnectX-7 VPI > Up to 400Gb/s InfiniBand/Ethernet 2x dual-port QSFP112 NVIDIA ConnectX-7 VPI > Up to 400Gb/s InfiniBand/Ethernet
Management network	10Gb/s onboard NIC with RJ45 100Gb/s Ethernet NIC Host baseboard management controller (BMC) with RJ45
Storage	OS: 2x 1.92TB NVMe M.2
Internal storage	8x 3.84TB NVMe U.2
Software	NVIDIA AI Enterprise – Optimized AI software NVIDIA Base Command – Orchestration, scheduling, and cluster management DGX OS / Ubuntu / Red Hat Enterprise Linux / Rocky – Operating System
Support	Comes with 3-year business-standard hardware and software support
System weight	287.6lbs (130.45kgs)
Packaged system weight	376lbs (170.45kgs)
System dimensions	Weight: 14.0in (356mm) Width: 190in (482.2mm) Length: 35.3in (897.1mm)
Operating temperature range	5–30°C (41–86°F)

IF YOU'D LIKE TO FIND OUT MORE, PLEASE GET IN TOUCH:

E: sales@boston.co.uk

T: (+44) 1727 876 100