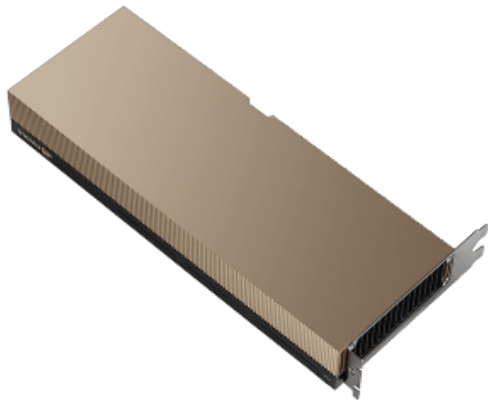
PNY NVIDIA H100CNX PCIE 80GB HBM2 ECC 5120-bit, PCI-E 5.0 x16, NVlink support with 3x opt. bridges, 1x 400Gb/s, 2x 200Gb/s ports

Kod producenta: TCSH100PCIE-PB



Architecture	Hopper
FP32 Performance	51 TFLOPS
GPU Memory	80 GB
GPU Memory Type	HBM2 ECC
Memory Bandwidth	2.0 TB/sec
Memory Interface	5120-bit
System Interface	PCI-E 5.0 x16
Max Power Consumption	350 W
Thermal Management	Passive
MIG support	up to 7 GPU Instances
NVLink Interconnect	600 GB/s Bidirectional
Network Controllers	1x 400 Gbps ports, 2x 200 Gbps ports, Ethernet or InfiniBand

NVIDIA H100CNX PCIE

Unified Network and Compute Acceleration

The NVIDIA® H100 Tensor Core GPU enables an order-of-magnitude leap for large-scale AI and HPC with unprecedented performance, scalability, and security for every data center and includes the NVIDIA AI Enterprise software suite to streamline AI development and deployment. H100 accelerates exascale scale workloads with a dedicated Transformer Engine for trillion parameter language models. For small jobs, H100 can be partitioned down to right-sized Multi-Instance GPU (MIG) partitions. With Hopper Confidential Computing, this scalable compute power can secure sensitive applications on shared data center infrastructure. The inclusion of NVIDIA AI Enterprise with H100 PCIe purchases reduces time to development and simplifies deployment of AI workloads, and makes H100 the most powerful end-to-end AI and HPC data center platform.

The NVIDIA Hopper architecture delivers unprecedented performance, scalability and security to every data center. Hopper builds upon prior generations from new compute core capabilities, such as the Transformer Engine, to faster networking to power the data center with an order of magnitude speedup over the prior generation. NVIDIA NVLink supports ultra-high bandwidth and extremely low latency between two H100 boards, and supports memory pooling and performance scaling (application support required). Second-generation MIG securely partitions the GPU into isolated right-size instances to maximize QoS (quality of service) for 7x more secured tenants. The inclusion of NVIDIA AI Enterprise (exclusive to the H100 PCIe), a software suite that optimizes the development and deployment of accelerated AI workflows, maximizes performance through these new H100 architectural innovations. These technology breakthroughs fuel the H100 Tensor Core GPU - the world's most advanced GPU ever.

built.

Strona firmowa produktu:
https://www.superstorage.pl/pny-nvidia-h100cnx-pcie-80gb-hbm2-ecc-5120-bit-pci-50-x16-nvlink-support-with-3x-opt-bridges-1x-400gbs-2x-200gbs-ports-p-5828.html