

# PNY NVIDIA A100 Module 40GB HBM2 ECC 5120-bit, NVlink support with 3x opt. bridges

Kod producenta: TCSA100M-PB



Architecture	Ampere
CUDA Cores	6912
Tensor Cores	432
FP32 Performance	19.5 TFLOPS
GPU Memory	40 GB
GPU Memory Type	HBM2 ECC
Memory Bandwidth	1555 GB/s
Memory Interface	5120-bit
System Interface	PCI-E 4.0 x16
Max Power Consumption	250 W
Thermal Management	Passive
MIG support	up to 7 GPU Instances

## NVIDIA A100

### Unprecedented Acceleration for World’s Highest-Performing Elastic Data Centers

The NVIDIA A100 Tensor Core GPU delivers unprecedented acceleration—at every scale—to power the world’s highest performing elastic data centers for AI, data analytics, and high-performance computing (HPC) applications. As the engine of the NVIDIA data center platform, A100 provides up to 20x higher performance over the prior NVIDIA Volta generation. A100 can efficiently scale up or be partitioned into seven isolated GPU instances, with Multi-Instance GPU (MIG) providing a unified platform that enables elastic data centers to dynamically adjust to shifting workload demands.

A100 is part of the complete NVIDIA data center solution that incorporates building blocks across hardware, networking, software, libraries, and optimized AI models and applications from NGC. Representing the most powerful end-to-end AI and HPC platform for data centers, it allows researchers to deliver real-world results and deploy solutions into production at scale, while allowing IT to optimize the utilization of every available A100 GPU.

Strona firmowa produktu:  
<https://www.superstorage.pl/pny-nvidia-a100-module-40gb-hbm2-ecc-5120-bit-nvlink-support-with-3x-opt-bridges-p-5822.html>