

PNY NVIDIA L40 Module 48GB GDDR6 ECC 384-bit. PCI-E 4.0 x16, HDCP 2.2 and HDMI 2.0 support with opt. adapter

Kod producenta: TCSL40PCIE-PB



Architecture	Ada Lovelace
CUDA Cores	18176
Tensor Cores	568
RT Cores	142
GPU Memory	48 GB
GPU Memory Type	GDDR6 ECC
Memory Bandwidth	864 GB/s
Memory Interface	384-bit
System Interface	PCI-E 4.0 x16
NVENC NVDEC	3x ENC 3x DEC Includes AV1 Encode and Decode
Max Power Consumption	300 W
Thermal Management	Passive

NVIDIA L40

Unprecedented Visual Computing Performance for the Data Center

From virtual workstations to large-scale modeling and simulation, modern visual computing and scientific applications are growing in complexity and quantity. Enterprises need data center solutions that can deliver extreme performance and scale with versatile capabilities to conquer the diverse computing demands of these increasingly complex workloads.

The NVIDIA L40 delivers unprecedented visual computing performance for the data center, providing next-generation graphics, compute, and AI capabilities to GPU-accelerated applications. Based on the Ada Lovelace GPU architecture, the L40 features third-generation RT Cores that enhance real-time ray tracing capabilities, and fourth-generation Tensor Cores with support for the FP8 data format to deliver over a petaflop of inferencing performance. These new features are combined with the latest generation CUDA Cores and 48GB of graphics memory to accelerate visual computing workload from high-performance virtual workstation instances to large-scale digital twins in NVIDIA Omniverse. With up to twice the performance of the previous generation at the same power, the NVIDIA L40 is uniquely suited to provide the visual computing power required by the modern data center.

Strona firmowa produktu:
<https://www.superstorage.pl/pty-nvidia-l40-module-48gb-gddr6-ecc-384-bit-pci-40-x16-hdcp-22-and-hdm-i-20-support-with-opt-adapter-p-5835.html>

