Graphics Card NVIDIA 24 GB GDDR6 192 bit 699-2G193-0200-XXX

Model: 699-2G193-0200-XXX

Manufacturer: NVIDIA

Product Code: 14105

R69,671

NVIDIA L4 Tensor Core GPU

The breakthrough universal accelerator for efficient video, AI, and graphics.

Accelerate Video, AI, and Graphics Workloads

The NVIDIA L4 Tensor Core GPU powered by the NVIDIA Ada Lovelace architecture delivers universal, energy-efficient acceleration for video, AI, visual computing, graphics, virtualization, and more. Packaged in a low-profile form factor, L4 is a cost-effective, energy-efficient solution for high throughput and low latency in every server, from the edge to the data center to the cloud.

Experience Real-Time AI Video Pipeline Performance

Transform video applications with the power of NVIDIA L4. Whether streaming live to millions of viewers, enabling users to build creative stories, or delivering immersive augmented and virtual

reality (AR/VR) experiences, servers equipped with L4 allow hosting up to 1,040 concurrent AV1 video streams at 720p30 for mobile users.[1]

With fourth-generation Tensor Cores and 1.5X larger GPU memory, NVIDIA L4 GPUs paired with the CV-CUDA® library take video content-understanding to a new level. L4 delivers 120X higher AI video performance than CPU-based solutions, letting enterprises gain real-time insights to personalize content, improve search relevance, detect objectionable content, and implement smart-space solutions.

Consume Less Energy and Space With L4

As AI and video become more pervasive, the demand for efficient, cost effective computing is increasing more than ever. NVIDIA L4 Tensor Core GPUs deliver up to 120X better AI video performance, resulting in up to 99 percent better energy efficiency and lower total cost of ownership compared to traditional CPU-based infrastructure. This lets enterprises reduce rack space and significantly lower their carbon footprint, while being able to scale their data centers to many more users. The energy saved by switching from CPUs to NVIDIA L4s in a 2 megawatt (MW) data center can power nearly 2,000 homes for one year or match the carbon offset from 172,000 trees grown over 10 years.[2]

Accelerate Generative AI Performance

Generative AI for images and text makes customer lives more convenient and experiences more immersive across all industries. NVIDIA L4 supercharges compute-intensive generative AI inference by delivering up to 2.5X higher performance compared to the previous GPU generation. And with 50 percent more memory capacity, L4 enables larger image generation, up to 1024x768, which wasn’t possible on the previous GPU generation.

Optimize Graphics Performance

With third-generation RT Cores and AI-powered NVIDIA Deep Learning Super Sampling 3 (DLSS 3), NVIDIA L4 delivers over 4X higher performance for AI-based avatars, NVIDIA Omniverse™ virtual worlds, cloud gaming, and virtual workstations. These capabilities enable creators to build real-time, cinematic-quality graphics and scenes for immersive visual experiences not possible with CPUs.
Summary: Nvidia L4 Tensor Core GPU. Graphics processor family: NVIDIA, Graphics processor: L4, Processor frequency: 795 MHz. Discrete graphics card memory: 24 GB, Graphics card memory type:

GDDR6, Memory bus: 192 bit, Memory clock speed: 6251 MHz. Interface type: PCI Express x16 4.0. Cooling type: Passive | Vendor Homepage: https://www.nvidia.com/en-us/data-center/l4/ | CUDA: Yes | Graphics processor: L4 | Graphics processor family: NVIDIA | Parallel processing technology support: Not supported | Processor boost clock speed: 2040 | Processor frequency: 795 | Discrete graphics card memory: 24 | Graphics card memory type: GDDR6 | Memory bandwidth (max): 300 | Memory bus: 192 | Memory clock speed: 6251 | Interface type: PCI Express x16 4.0 | Dual Link DVI: No | TV tuner integrated: No | Cooling type: Passive | Form factor: Half-Height/Half-Length (HH/HL) | Number of slots: 2 | Product colour: Gold | Power consumption (max): 72 | Supplementary power connectors: 1x 6-pin | Non-operating relative humidity (non-condensing): 5 - 95 | Operating relative humidity (H-H): 5 - 85 | Operating temperature (T-T): 0 - 50 | Storage temperature (T-T): -40 - 75 | Depth: 680.9 | Length: 1685.4 | Weight: 270 | Manual: Yes | Quick installation guide: Yes | Model: 699-2G193-0200-XXX | Units per Shipping Box: 1 | Unit Calculated Volume: 0.00594 | Product Net Weight: 0.27 | Unit Calculated Weight: 1.86