sysGen devCUBE TITAN RTX Workstation

XEON W-Edition

MORE CORES. MORE LANES. MORE POWER.
UPGRADE YOUR DEEP LEARNING OR DATA ANALYSIS PERFORMANCE WITH OUR DEVCUBE!

Powerful Solution

The devCUBE combines the world's best hardware, software, and systems engineering for deep learning in a powerful solution that can fit under your desk.

It takes tremendous processing power to efficiently process such huge amounts of data using deep learning algorithms. To that end, sysGen offers an all-in-one, powerful, energy-efficient, cool, and quiet deskside solution, called the sysGen devCUBE.

XEON W-Edition

Intel® Xeon® W processors deliver optimized performance for the needs of workstation professionals. Hardware-enhanced workload performance, security, and reliability for the increasing demands of professional.

Enhance I/O: More PCI Express 3.0 lanes for graphics, storage, and network expandability.

SPECIFICATIONS

Mainboard	ASUS WS C422 SAGE/10G
CPU	Intel Xeon W-2145 8-Core
RAM	Up to 1024GB DDR4 ECC 2666 MHz
GPU	Up to 2 Titan RTX
GPU Memory	Up to 48GB Total GPU Memory
NVIDIA CUDA-Cores	9216 Units
NVIDIA Tensor-Cores	1152 Units
GPU-Performance	64 TFLOPS FP32 128 TFLOPS FP16
Storage	Recommended OS: 1x 1TB NVME M.2 SSD Storage: 4x 1,92TB SSD
Network	2x 10Gb/s RJ45 Ethernet
Software	Ubuntu Linux, Deep Learning Software Stack

NVIDIA TITAN RTX

NVIDIA's latest consumer flagship graphics card revolutionizes performance. The powerful NVIDIA Turing™ GPU graphics processor architecture, groundbreaking technology, and the latest generation of 24GB of super-fast GDDR6 memory make it a graphics processor like never before.

Deep Learning and Analyses

Deep learning is one of the fastest growing segments in the machine learning/artificial intelligence field. It uses algorithms to model high-level abstractions of data in order to gain meaningful insight for practical application. Such data manipulation has application in various fields, such as computer vision, speech recognition, language processing and big data analyses.