XENON DEVCUBE G2: Deep Learning Workstation

Create Future Possibilities with GPU Acceleration

To meet the challenges of Deep Learning research XENON has developed one of the world's fastest deskside deep learning machines— the **DEVCUBE G2**

XENON's new DEVCUBE G2 is ideal for deep learning, machine learning and AI at your desktop. GPUs are extremely efficient and particularly well suited to provide this capability and they are a key enabler for deep learning research, innovation and development.

The DEVCUBE G2 is ideal for researchers, start-up companies, and anyone engaged in deep learning and artificial intelligence exploration.

Start your deep learning journey with XENON's DEVCUBE G2.

Key Benefits

- Equipped with NVIDIA® DIGITS™ software providing powerful design, training & visualisation
- Pre-installed Ubuntu O/S and the latest NVIDIA Drivers
- Containerised Packages: NVIDIA CUDA, cuDNN, DIGITS
- Containerised Deep Learning Frameworks: Tensorflow, Caffe, Caffe2, Theano, Torch, pyTorch, cntk, mxnet
- Latest NVIDIA® GPU's to overcome your most demanding AI challenges
- Large memory support enables the processing of large models
- Faster turnaround times
- The freedom to explore multiple network architectures
- Accelerated dataset manipulation
- An all-in-one powerful, energy-efficient, cool, and quiet solution

MODEL	DevCube G2	DevCube G2 Pro
PROCESSOR	Intel® Core i7 or i9	Intel® Xeon W
PROCESSOR CORE	Up to 18 Cores	
MEMORY	Support up to 128GB DDR4 Non-ECC, Un-buffered Memory	Support up to 512GB DDR4 REG.ECC Memory
DRIVE BAYS	3 x 5.25" External Bays, 4x 3.5" or 2.5" (Internal HDD Cage) and 3x 2.5" (Internal HDD Tray)	
GPU	Support up to four GPUs: NVIDIA® GTX, NVIDIA® Titan Xp, NVIDIA® Titan V or NVIDIA® Quadro	
NETWORKING	Dual Gigabit LAN - RJ45	Dual 10 Gigabit LAN - RJ45
FRONT I/O	2 x USB 3.0, 2 x USB 2.0 x 2, 1x HD Audio	
REAR I/O	2 x LAN (RJ45) port(s) 1 x USB 3.1 Gen 2 Type-A 1 x USB 3.1 Gen 2 Type-C 6 x USB 3.1 Gen 1 4 x USB 2.0 1 x Optical S/PDIF out 1 x 8-channel Audio I/O	2 x LAN (RJ45) port(s) 1 x USB 3.1 Gen 2 Type-A, 1 x USB 3.1 Gen 2 Type-C 1 x Optical S/PDIF out 1 x 8-channel Audio I/O 4 x USB 3.1 Gen 1
POWER SUPPLY	1500W PSU	

XENON®
High Performance Computing