




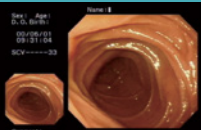







# IEI x NVIDIA AI Product Overview



Source: <https://www.nvidia.com/en-us/>

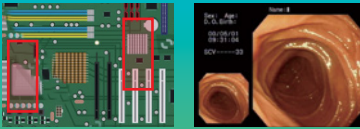
ISV Application	 Object Detection  ALPR  Video Search  Face Recognition  Heat Mapping
Ecosystem	Sensors   AI/System Software   Design Services
Accelerated Modules	 Medical AI Inference  Artificial Intelligence  Computer Vision  Accelerated Computing
IEI Product	 HTB-210
SDK/OS	Windows®10, Linux®
AI Accelerator	 Tesla T4

## » Initiate Your Own AI Journey with IEI Solutions


**Image Classification**  
AlexNet, VGG16, GoogleNet, ResNet, MobileNet, etc.



**Object Detection**  
SSD, Yolo v1/v2/v3, R-FCN, RCNN, Faster RCNN, etc.



**Image Segmentation**  
SegNet, U-Net, FCN, DeepLab v1/v2, etc.



**Face Detection / Recognition**  
MTCNN, DeepFace, Facenet, etc.

**Video Classification**  
RNN, LSTM, etc.

**Speech Recognition**  
DeepVoice, WaveNet, etc.

**Frameworks**  
(Caffe, Caffe2, CNTK, MXNet, Neon, PyTorch, TensorFlow...)

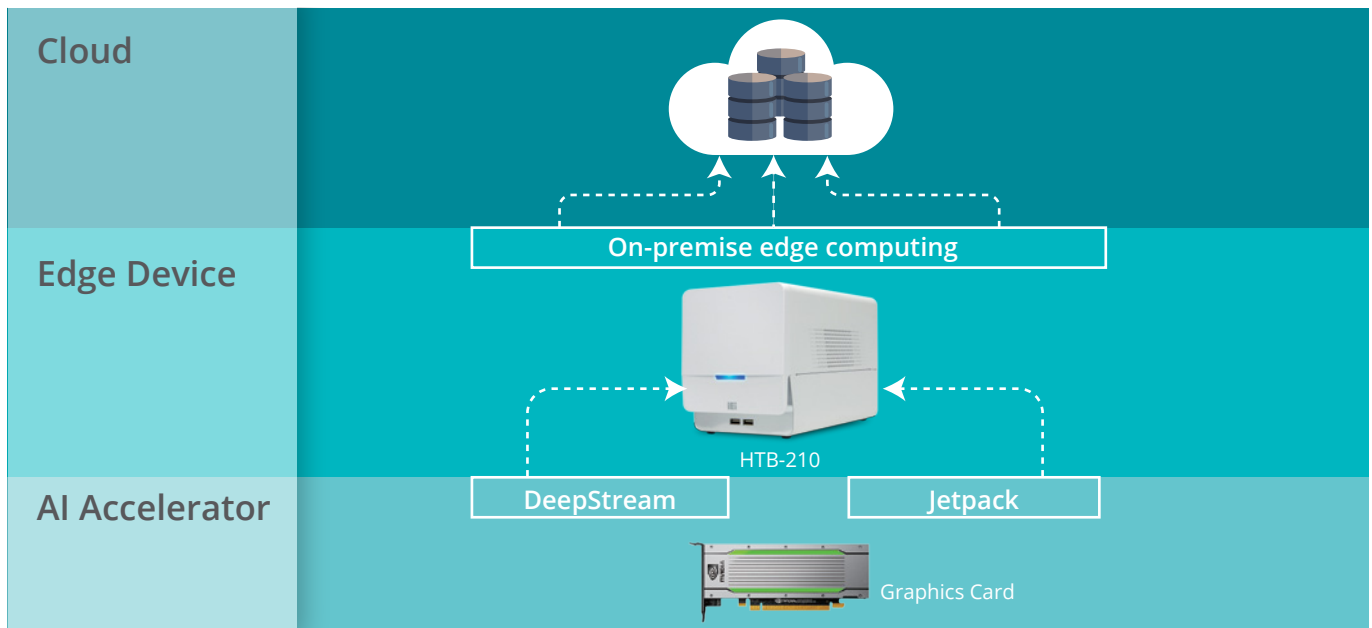
**Training Platform**  
· cuDNN  
· cuML

**Inference Platform**  
· TensorRT  
· TRTIS

**OS**

www.ieiworld.com

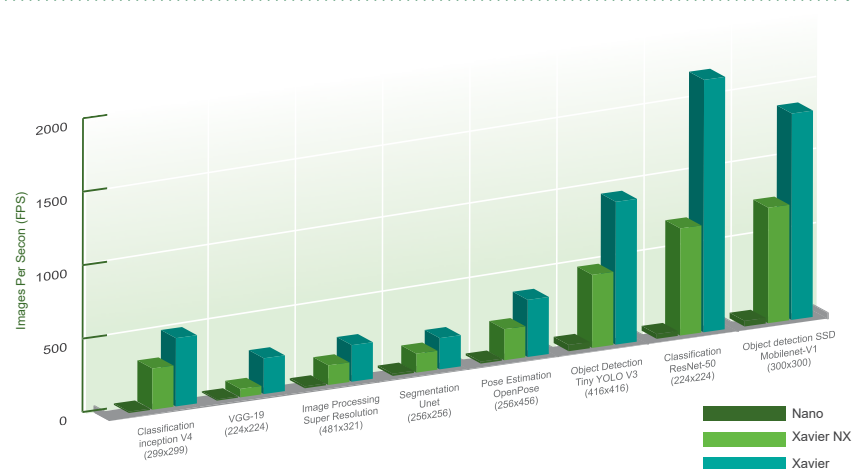
## » IEI AI Edge Computing - Faster and Less Power



## » Deep Learning Inference Performance

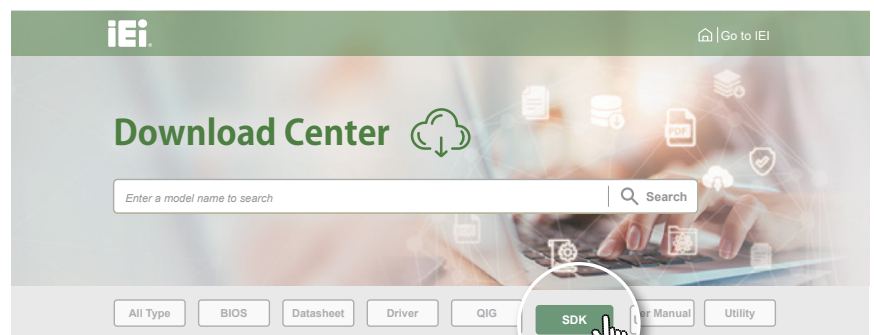
IEI's AI edge systems are designed as a total solution for various applications and improving the performance and flexibility of medical imaging and industrial AI inference. With IEI's AI edge systems, our SI customers not only can design their deep learning software on the systems but also can market the system as a complete solution. This approach can simplify the workflow and processes of the system integration when launching the customized deep learning solution into the market.

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## » IEI Board Support Package (BSP) Service

We offer BSP services for our products. Our customers could easily download the utilities and software they need from our website.



<https://download.ieiworld.com/>