The NVIDIA® Jetson™ TX2 4GB module delivers powerful computing performance in a small credit card form factor to run modern AI workloads. It can be configured to operate between 7.5 W and 15 W, making it ideal for a diverse set of intelligent edge devices like robots, drones, smart cameras, and portable medical devices. The module offers three times the performance per-watt of Jetson Nano, enabling the development of high-performance, energy-efficient, and affordable products.

Jetson TX2 4GB features a variety of standard hardware interfaces, ranging from low-speed GPIOs to high-speed PCIe and USB. This makes it easy to integrate into a wide range of products and form factors.

The module is supported by NVIDIA JetPack™, which includes a board support package (BSP), Linux OS, NVIDIA CUDA®, and cuDNN. Plus, it features NVIDIA TensorRT™ software libraries for deep learning, computer vision, GPU computing, multimedia processing, and much more. The software is also easy-to-use, making it fast and simple to get started.

The same JetPack SDK is used across the entire NVIDIA Jetson family of products and is fully compatible with NVIDIA’s world-leading AI platform for training and deploying AI software. This proven software stack reduces complexity, development time, and overall effort for developers.