

# ATARGET AI-Ready Edge Processing

ATARGET offers three units for edge processing. These units are composed of NVIDIA Jetson boards namely the Jetson Nano, Jetson TX2 and Jetson Xavier. The convenience offered by these products is that they are cased, connected and loaded with all the necessary software in order to jump start any AI computing immediately.

**1. Jetson Nano:** This is a low-end but powerful edge computing device. A Wi-Fi and Bluetooth combined card is installed which allows you to connect to a network easily. The metal casing is very convenient for this device and it can be placed or mounted in a place of choice. There are 4 USB3, 1 HDMI, 1 Display port, 1 Gb Ethernet connections. It has also power ON/OFF and reset buttons. The 32GB SD card has all the required software installations.

**2. Jetson Tx2:** This is an intermediate level device with better computational power than Jetson Nano. It has a built-in Wi-Fi and Bluetooth connection. There are 1 USB3, 1 USB2.0, 1 HDMI, 1 Gb Ethernet and 1 SD card port. It also has ON/OFF button on the back.

**3. Jetson Xavier AGX 16GB:** Xavier is the most powerful of the Jetson series. It is referenced as the unit with a computational power of a desktop computer. It has Wi-Fi and Bluetooth connections. There are 1 USB3, 2 USB3-Type C, 1 HDMI, 1 Gb Ethernet and 1 USB2 ports.

**Software:** All these three devices come fully installed with the required software. They have Jetson packs installed. In addition, each has the Tensorflow 1.x, Python 3.6 and related Python libraries, Opencv 4.1 and many more.

