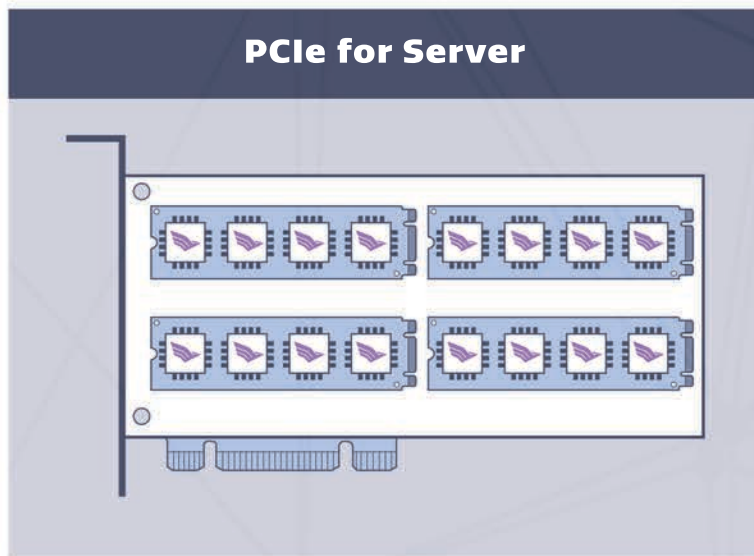


## AI for the Data Center, Private & Public Cloud

### Product Overview


The GAINBOARD™ 2801 is a multi-chip configuration for advanced Edge & Data Center applications. The AI accelerator chip reduces host processing and power requirements with no extra memory needed.



### Supports Standard AI Frameworks & Pre-Trained Models

Train your models and develop powerful AI applications:

- Hardware Integration Kit
- Software Development Kit
- Training Platform



### Core Technology





GAINBOARD™ 2801 uses 100% proprietary and patented technologies to accelerate CNN processing at extremely high speeds, while consuming very little power.

The architecture uses a unique 2-dimensional Matrix Processing Engine (MPE) with AI Processing in Memory (APiM). AI processing memory blocks reduce power requirements and improve performance.

### SPECS

-  **5.6 TOPs/Watt**
-  **Lowest \$/TOP Priced for scale**
-  **89.6 TOPs**
-  **16 Watts**

### USE CASES

-  Server
-  Industrial Manufacturing
-  Drone
-  Desktop