

## Hailo-8™ Century High Performance PCIe Cards

Delivering data center class performance to edge devices, with up to 208 TOPS

The high-performance Century PCIe cards enable deep neural network inferencing in real-time with low power consumption for a broad range of market segments and applications on any platform with a 16-lane PCIe slot.

### Key Features & Benefits

Delivering **52-208 TOPS** (Tera Operations Per Second)

Best-in-class power efficiency, at **400 FPS/W** in ResNet50

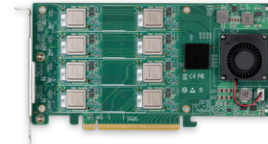
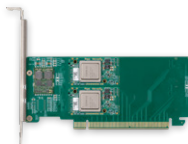
Enabling real-time, low latency, and high-efficiency concurrent processing of complex pipelines with multi-streams and multi-models

Supporting industrial temperature range of **-40°C to 85°C**

Highest cost-efficiency, **starting at \$249**

Robust software suite supports state-of-the-art deep learning models & applications out-of-the-box

### Technical Specifications\*

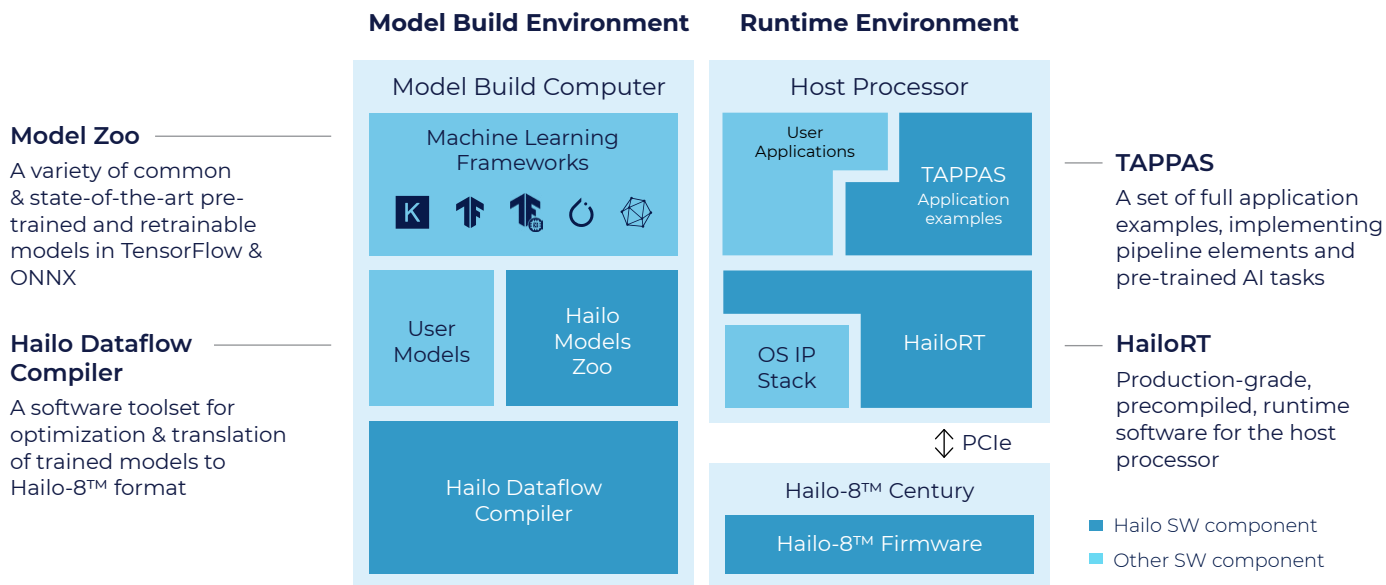


	Small form factor			Wide host compatibility				
Model number	0802	0803	0804	0804S	0805S	0806S	0807S	0808S
# of TOPS	52	78	104	104	130	156	182	208
Form factor	single slot, HHHH			single slot, HHFL				
Interface	PCIe x16 slot with bifurcation			PCIe x16 slot				
Dimensions	69 × 168 mm			111 × 210 mm				
Max thermal design power (TDP)	10W-25W			35-65W				
Supported OS	Linux, Windows							
Supported AI frameworks	Tensorflow, Tensorflow Lite, Keras, Pytorch, & ONNX							

\* Products are shipped with a matching heatsink attached

## Comprehensive Software Suite

Seamlessly integrates with existing deep learning development frameworks to allow smooth and easy incorporation into existing development ecosystems.



## Hailo Ecosystem

Hailo collaborates with partners globally to offer products for edge solutions — from small and fanless devices, to ruggedized industrial appliances, high capacity video analytics platforms, embedded computing platforms and more.

To select your Hailo-based AI platform [click here](#)

Click here for more information & product inquiry

