

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

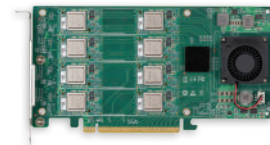
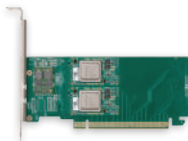
Enabling real-time, low latency, and high-efficiency concurrent processing of complex pipelines with multi-streams and multi-models

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*

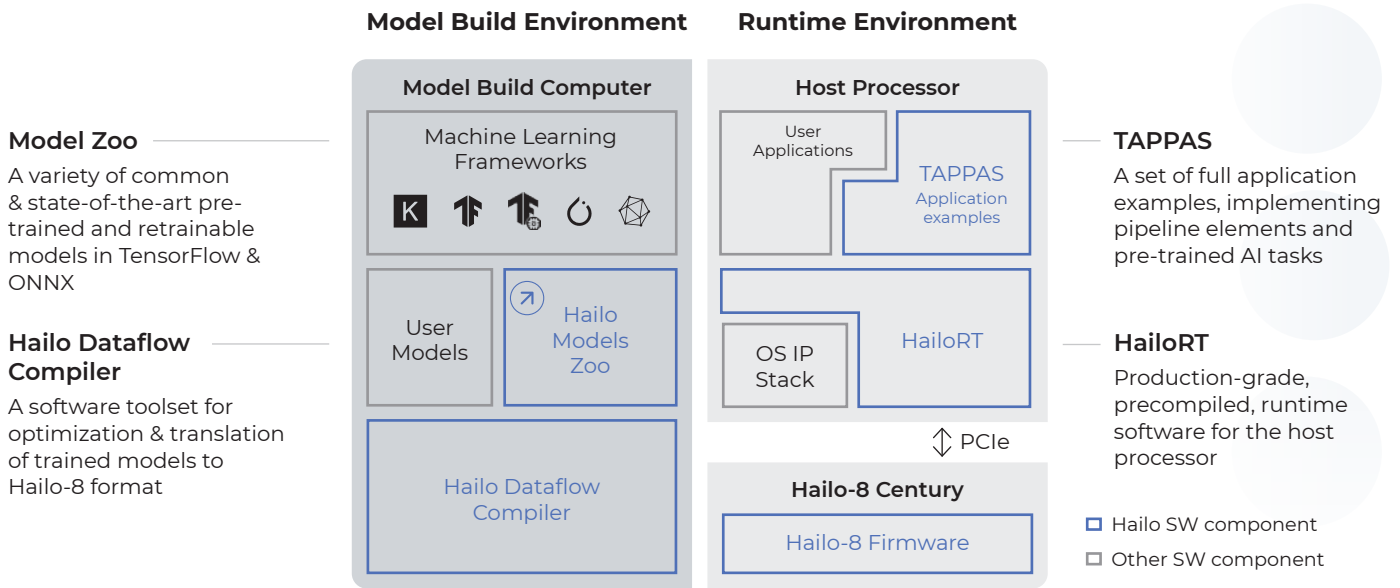


	Small form factor			Wide host compatibility				
Model number	0802	0803	0804	0804S	0805S	0806S	0807S	0808S
# of TOPS	52	78	104	104	130	156	182	208
Form factor	single slot, HHHL			single slot, HHFL				
Interface	PCIe x16 slot with bifurcation			PCIe x16 slot				
Dimensions	68.9 × 167.65 mm			68.9 × 254 mm				
Max thermal design power (TDP)	15W-45W			45-75W				
Supported OS	Linux, Windows 10/11							
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](#)

