

INTEL CUSTOMER QUOTE SHEET



Intel's OpenVINO™ (Open Visual Inference & Neural network Optimization) Toolkit



AAEON

“Our strategic focus is bringing artificial intelligence on the edge but it has always been challenging to implement efficient algorithm balancing the workload between the different hardware components. OpenVINO™ toolkit bridges this gap and give us a unique tool that speeds up the path to production of our and our partners solutions.”

- **Fabrizio Del Maffeo, Vice President & Managing Director, AAEON Technology Europe**



ADLINK

“AI presents tremendous opportunity for industrial automation. With machine vision extensively used for guidance, identification, gauging, and inspection in manufacturing processes, the OpenVINO™ toolkit integrates deep learning tools, computer vision acceleration, and support for heterogeneous execution environments and improves inference speed and accuracy for machine vision.”

- **Edgar Chen, General Manager of Embedded Platforms & Modules Business Unit, ADLINK**



Advantech

“Advantech is dedicated to developing video analytics software as the core technology. Powered by the new OpenVINO™ toolkit, which delivers a comprehensive toolkit for developing and deploying vision-oriented solution, and is capable of delivering higher computing and graphics performance, Advantech is launching several solution ready packages for vertical markets, includes people counting, heat map analysis, facial recognition, loss prevention. With the OpenVINO™ toolkit, we can easily process real-time video recording & transcoding, human detection and counting as well as signage management.”

- **MC Chiang, Associate Vice President of Service-IoT, Advantech**



Agent Vi

“With OpenVINO™ Toolkit the results have been impressive, enabling us to move from supporting 2 cameras to 20 with one developer in under three weeks. We will be able to fully scale our solutions to the edge with the right performance per dollar while leveraging Intel® Movidius™ VPU and Intel® FPGA solutions.”

- **Zvika Ashani, CTO and Co-Founder, Agent Vi**



AWS

"Intel's wide range of deep learning acceleration silicon allows us to offer AWS Greengrass to customers who require powerful, yet cost-effective AI solutions at the edge. With OpenVINO™ toolkit integrated Greengrass devices, these customers are enabled to build cloud ML models that they can deploy at the edge to perform deep learning tasks in real-time, which can be tailored to their specific performance needs. Our partnership with Intel in this space is essential to us providing customers a wide variety of cost-effective machine learning solutions."

- **Satyen Yadav, General Manager, IoT Ecosystem, AWS**



Dahua

"We are using Intel® Core™ i5 Processor along with Intel® Arria®10 FPGA on our newly designed AI NVR product. By leveraging Intel's OpenVINO™ toolkit, we are able to seamlessly implement our own customized deep learning solutions onto Intel's various platforms, perfect for applications with low latency requirements. Accelerating our system with Intel® FPGAs has enhanced the deep learning capabilities for our real-time vision based solutions enabling a higher performance/watt/dollar. We are also using Intel® Movidius™ Myriad™ product family for analytics at endpoints including surveillance and machine vision cameras. As technology and algorithms continue to evolve, we look forward to working with Intel to establish leadership in AI based solutions."

- **Mr. Jun Yin, Director of Advanced Technology Institute, Dahua**



Dell EMC

"By bringing the value and power of Dell EMC and Intel together, we can leverage Intel's new innovative tools to help transform video surveillance for our customers and partners. Dell EMC's surveillance labs validation program and joint collaboration with Intel allows us to deliver proven solutions with the top surveillance camera and video software companies."

- **Ken Mills, General Manager, Surveillance and Security Solutions, Dell EMC**



Current

"Current by GE and Intel have worked collaboratively to deliver a purpose built IoT platform called CityIQ™, which enables scalable smart cities solutions through street lighting infrastructure for municipalities, utilities, and their constituents. At its core is Intel-based computer vision analytics capabilities, which combine edge computing and machine learning to extract terabytes worth of metadata around a city environment that is critical to understanding and addressing some of the communities' biggest challenges. To ensure we deliver key outcomes today and flexibility for the insights of tomorrow, we are leveraging the new OpenVINO™ toolkit, along with the compute support from Intel silicon. Using this comprehensive portfolio of Intel® AI technology, we will unlock smart cities potential through unique parking, traffic, and pedestrian data sets and have plans to integrate Intel® Movidius™ Myriad™ X VPUs into our solution in the near future for enhanced data extraction and delivery capabilities."

- **Austin Ashe GM, Intelligent Cities, Current by GE**



GE Healthcare

GE Healthcare

“With OpenVINO™, we are now able to optimize inferencing across Intel® silicon, exceeding our throughput goals by almost 6x. We want to not only keep deployment costs down for our customers, but also offer a flexible, high-performance solution for a new era of smarter medical imaging. Our partnership with Intel allows us to bring the power of AI to clinical diagnostic scanning and other healthcare workflows in a cost-effective manner.”

- **David Chevalier, Principal Engineer, GE Healthcare**



海康威视

Hikvision

“Hikvision is collaborating with Intel on End-to-End AI/DL solutions from front end Intel® Movidius™ camera to backend servers. We are excited by the prospect of moving to Intel® Movidius™ Myriad™ X. We are also working with Intel on Intel's newly released OpenVINO™ toolkit to achieve higher performance and shorten the development cycle. Hikvision is looking forward to building a strong, long term relationship with Intel to establish tech leadership in AI/DL based solutions.”

- **Dr. Pu Shiliang, Chief Scientist, Hikvision**



THE POWER OF CONNECTED

Honeywell

“The Internet of Things is creating huge advancements in the way we use video to ensure safe and secure buildings. With new emerging technology like analytics, facial recognition and deep learning, Honeywell and Intel are connecting buildings like never before. Intel is an important partner in establishing the vision of smarter video solutions for the industry, and we look forward to continued collaboration that benefits customers.”

- **Jeremy Kimber, Marketing Director, Video Solutions, Honeywell**



QNAP

“We leveraged the OpenVINO™ toolkit to develop a classifier of aged macular degeneration (AMD) application for optical coherence tomography (OCT) images, and took advantage of the OpenVINO™ toolkit's remarkable increase in acceleration to compute lots of OCT images for edge inference.”

- **Y.T. Lee, Vice President of R&D, QNAP**