1. Introduction

AIM-Edge QC01W is a Qualcomm QCS6490 Edge AI computing device running on Linux platform.

Product Specification	
CPU	Qualcomm QCS6490 Octa-Core Kyro 670 CPU (1x2.7GHz, 3x2.4GHz, 4x1.9GHz)
GPU	Qualcomm® Adreno™ 643
AI Performance	up to 12 TOPS
SoM	AIMobile AIM6490S
Storage	128GB UFS Flash (uMCP)
Memory	8GB LPDDR4x RAM (uMCP)
I/O	4 x USB 3.0 Type A
	1 x USB 3.0 Type C
	1 x HDMI (Max Resolution 1920x1080@60Hz)
	1 x RJ45 (1 GbE) 1 x RJ45 (10 GbE)
	4 x Digital In(5V) / 4 x Digital Output port
	1 x Status LED
Button/Key	1 x Reset button
	1 x Recovery button
	1 x Function button
	1 x Power button
Dimensions	95(W) x 130(D) x 40(H) mm
Operating System	Linux Ubuntu 20.04
Power	1 x DC-In 19V adaptor