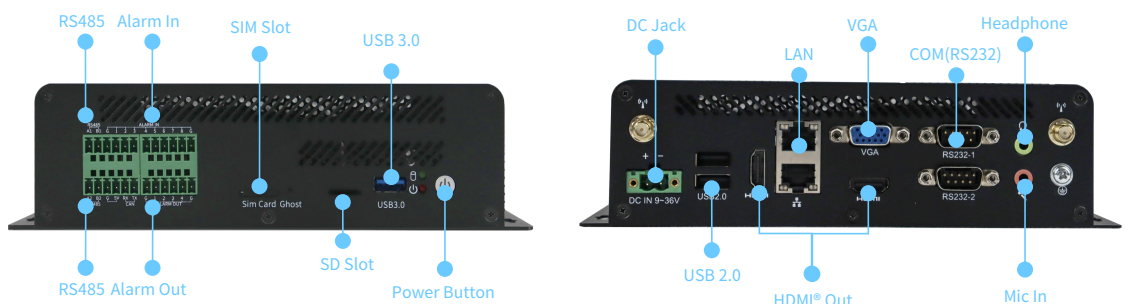# BOX21 Specification

Overview

Decenta BOX21 is a compact chassis, which can be widely used in security, campus, community, park, supermarket and other complex environments.

- Built-in Intel® Celeron® J Processors series processor.
- 2x DDR4 3200MHz SO-DIMM, dual-channel, up to 32G.
- Supports wide voltage 9V-36V.
- Support WIFI/LTE/5G-NR communication module.
- Small size, active/passive cooling flexible choice.
- Supports up to 64Tops of power and 64 channels of 1080P@30fps decoding.
- Compatible with CUDA and OpenCL mainstream ecosystems.
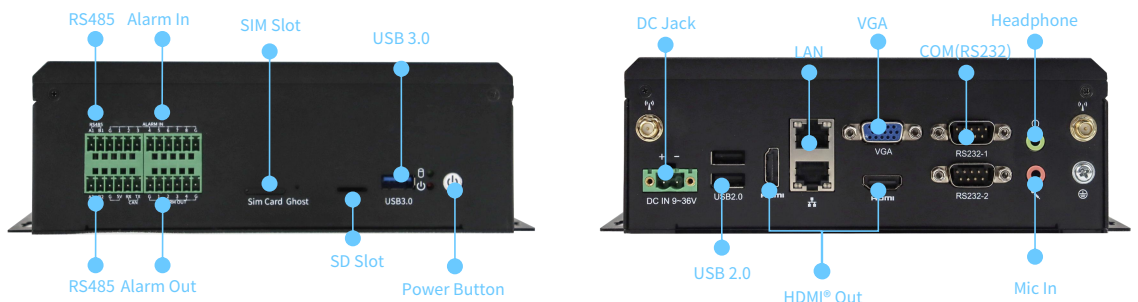- Compatible with PyTorch, PaddlePaddle, Onnx, Caffe2, TensorFlow and other mainstream frameworks.

HƎMI
HIGH-DEFINITION MULTIMEDIA INTERFACE

I/O Overview

SKU 1
(Active Thermal)

RS485　Alarm In　SIM Slot　USB 3.0　DC Jack　LAN　VGA　COM(RS232)　Headphone

Sim Card Ghost　USB3.0　DC IN 9~36V　USB 2.0　VGA　RS232-1　RS232-2

RS485　Alarm Out　SD Slot　Power Button　USB 2.0　HDMI® Out　Mic In

SKU 2
(Passive Thermal)

RS485　Alarm In　SIM Slot　USB 3.0　DC Jack　LAN　VGA　COM(RS232)　Headphone

Sim Card Ghost　USB3.0　DC IN 9~36V　USB2.0　VGA　RS232-1　RS232-2

RS485　Alarm Out　SD Slot　Power Button　USB 2.0　HDMI® Out　Mic In

Specifications

Model	S22-EHL-BOX21	
SKU	SKU 1 (Active cooling)	SKU 2 (Passive cooling)
CPU	Intel® Celeron® J Processors -J6412	
GPU	Built-in32T：·Support 32Tops@INT8/8TFLOPS@FP16/2TFLOPS@FP32 ·Support 8GBvideo memory Built-in64T：·Support 64Tops@INT8/16TFLOPS@FP16/4TFLOPS@FP32 ·Support 16GBvideo memory	
Network	Scalable WIFI/LTE/5G-NR	

Storage			
	eMMC	32GB eMMC	
	SSD	Scalable M.2 SSD(SATA)	

I/O			
	Front	**USB 3.0**	1
		COM	2x RS485
		ALARM OUT	4
		ALARM IN	8
		SIM Slot	1
		SD Slot	1
		LED	2(Power_LED/ HDD_LED)
		Power Button	1
		Reset Hole	1
	Rear	**LAN**	2
		USB 2.0	2
		HDMI® Out	2
		VGA	1
		Headphone	1
		Mic In	1
		COM	2x RS232
		Antenna	2

Environment			
	Temperature	**Operating**	-10℃-55℃
		Storage	-20℃-70℃
	Humidity	**Operating**	5%~90% RH non-condensing
		Storage	10%~90% RH non-condensing

Power	DC 9-36V	
OS	Ubuntu 20.04	
Dimensions	204mm x 174mm x 54.1mm	204mm x 174mm x 65.5mm

Dimensions (Unit: mm)

■ SKU 1
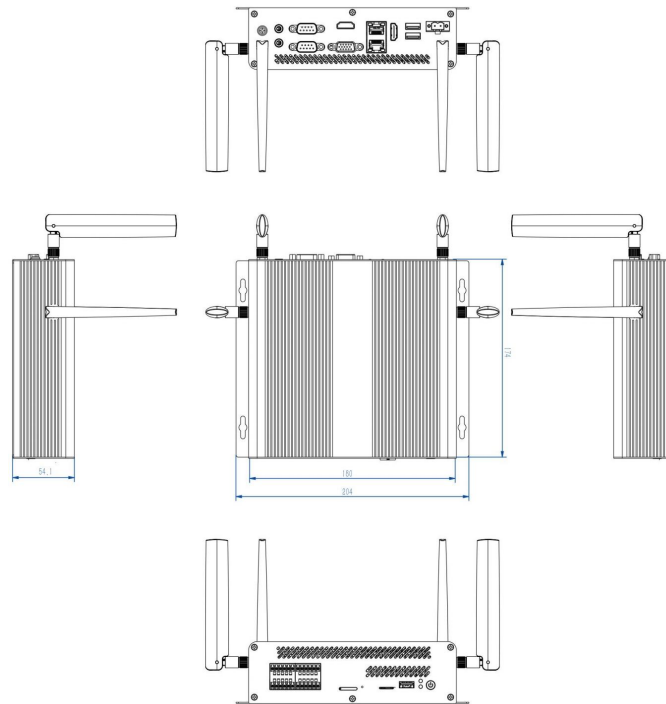
■ SKU 2
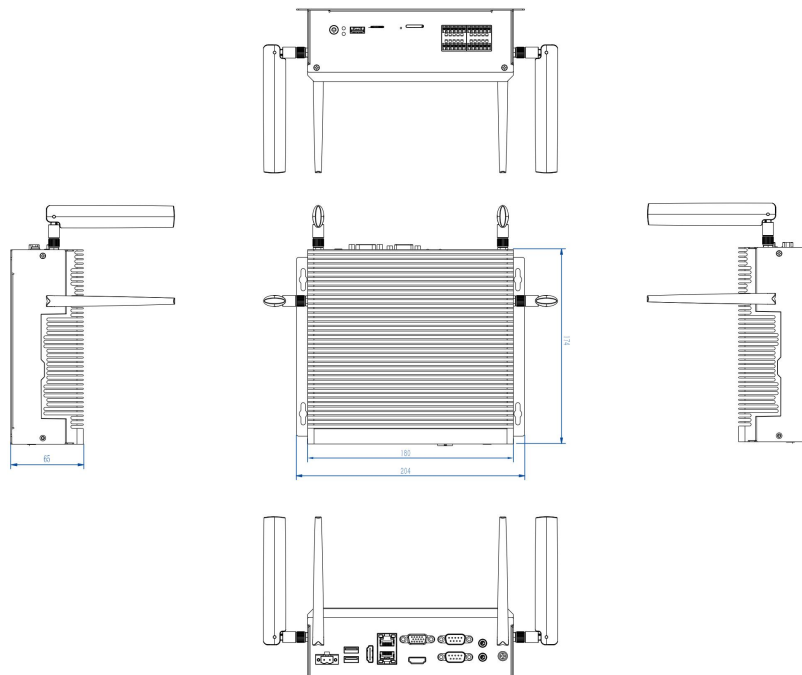
*Specifications and information contained in this document are furnished for informational use only, and are subject to change at any time without notice, and should not be construed as a commitment by Decenta.