

# BOX18 Specification



## Overview

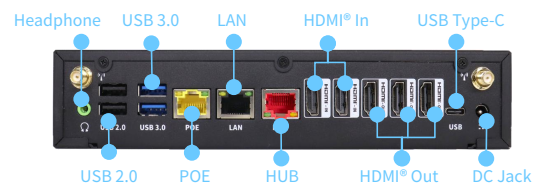
Decenta BOX18 is a smart terminal product which is built on Rockchip platform. It is an excellent solution for conference application. Meanwhile, it is widely used in other scenario such as campus, medical etc.

- Rockchip RK3588 Quad Cores A76 & Quad Cores A55.
- On board LPDDR4/LPDDR4X, Dual Channel, Max.32G.
- Support HDMI® In(4K@60Hz), HDMI® Out(Max. 8K@60Hz), USB Type-C with DP Alt mode.
- Support Linux & Android 12.
- Powerful display ability with multiple-interfaces.
- Unique design to meet long distance scene requirement.
- Excellent compatibility with rich interface.

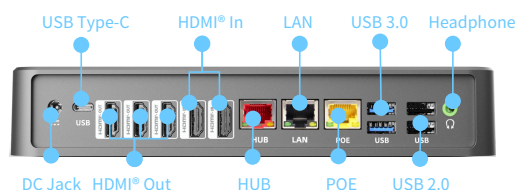


## I/O Overview

### ■ SKU1



### ■ SKU2

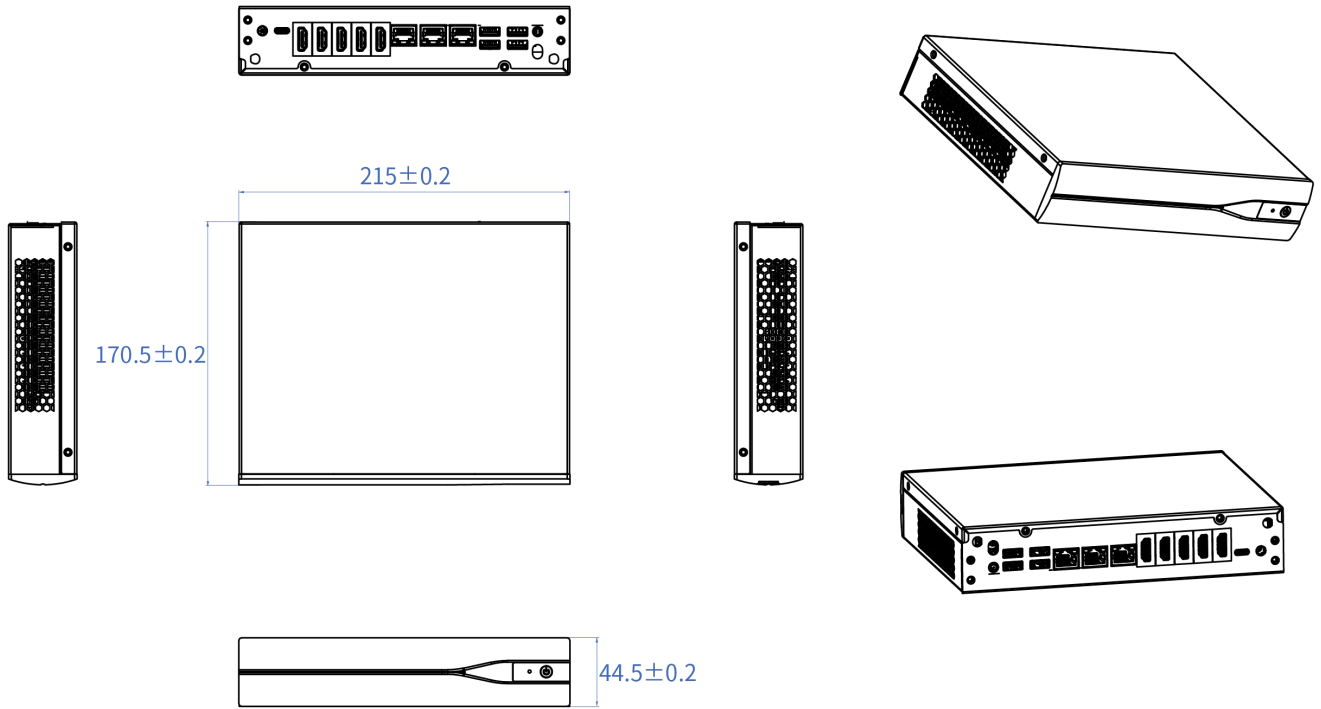


# Specifications

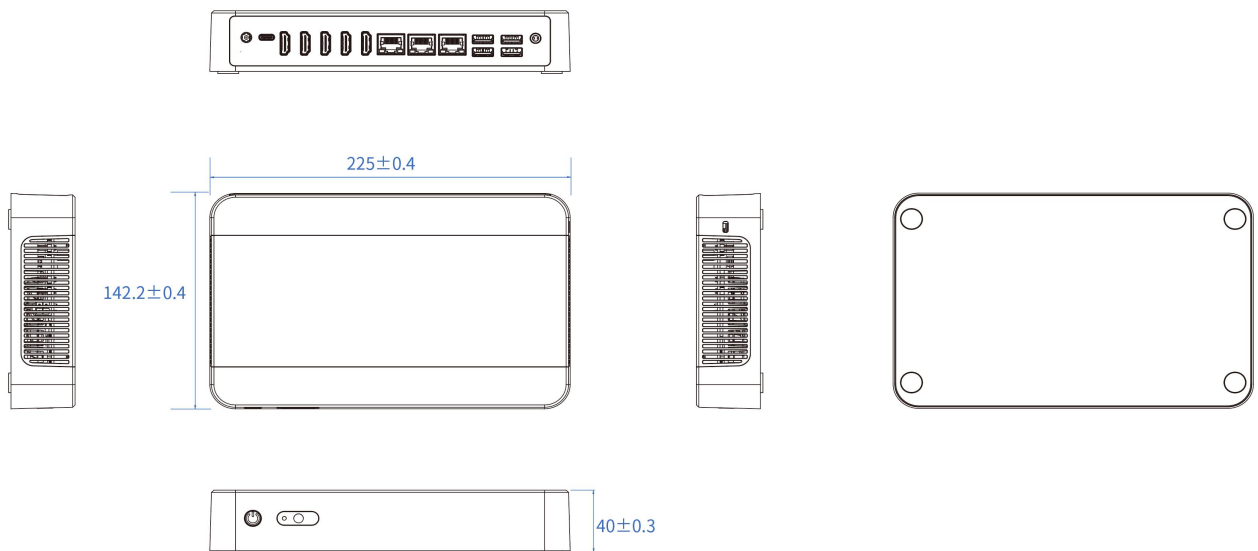
Model		BOX18		
SKU		SKU 1	SKU 2	
Processor		Rockchip RK3588 Quad Cores A76+Quad Cores A55,max 2.4GHz		
Memory	Type	On board LPDDR4/LPDDR4X, Dual Channel		
	Capacity	Max. 32G		
Graphic	Controller	G610 MP4		
	Connector	HDMI®		
Network	Ethernet	Controller	Realtek RTL8211F & RTL8111HS	
		Connector	RJ45	
	WI-FI	AP6275P, Onboard WIFI 6.0/BT 5.2		
	5G	1x M.2 B-key Slot		
Audio	Controller	ES8388		
Storage	SSD	1x M.2 2242/2280 M-Key SSD, Support SATA Mode		
	eMMC	On board, Max.512GB		
I/O	Front	Power Button	1, with LED	
		Reset Hole	1	
		IR	1	
	Rear	LAN	2, 1 is with POE	
		VCH Connector	1x RJ45, Co-lay with 1 pair of HDMI® In/Out, Optional	
		USB Type-C	1, with DP Alt function	
		USB 3.0	2	
		USB 2.0	2	
		HDMI® Out	3, 1 is Optional Resolution 1: 8K@60Hz + 4K@30Hz Resolution 2: 4K@60Hz + 4K@60Hz + 4K@30Hz	
		HDMI® IN	2, with resolution of 4K@60Hz	
		Headphone	1, Optional	
		DC Jack	1	
		Antenna	2, Reserved	/
	Internal	SIM	1x Nano Slot	
		Mic in/Headphone	1x Header	
		USB 2.0	2x Header	
		HW Reset header	1	
Environment	Temperature	Operating	0°C-40°C	
		Storage	-20°C-60°C	
	Humidity	Operating	10%~90% RH non-condensing	
		Storage	5%~95% RH non-condensing	
Cooling System		Fan & Heatsink		
Power		DC 12V		
Noise Value		Below 38db		
OS		Linux/Android 12		
Dimensions		215mm × 170.5mm × 44.5mm	225mm × 142.2mm × 40mm	
Material		Metal	Plastic	

# Dimensions (Unit: mm)

## ■ SKU1



## ■ SKU2



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