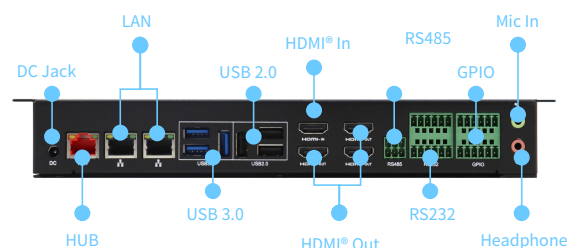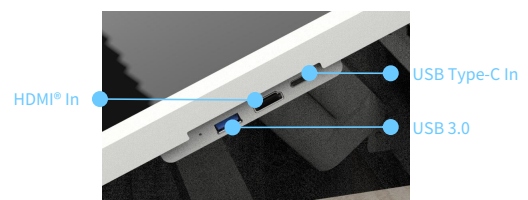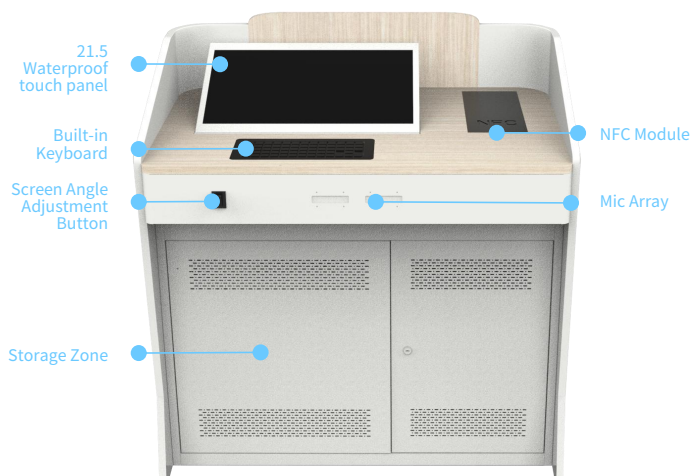# VCC03 Specification

Overview

Decenta VCC03 is widely used in various scenarios such as education, conference IWB and digital signage.

- Based on 13th/12th Gen Intel® Core™ i7/i5/i3 Processor.
- 21.5 inch Waterproof touch panel and built-in keyboard.
- Support NFC and Wireless power charge.
- Rich interfaces with 4x USB 3.0, 3x USB 2.0(support touch), 1x USB Type-C in, 2x HDMI® in, 3x HDMI® out.
- Supports high resolution of HDMI® out & HDMI® in, up to 4K@60Hz.
- Easy to realize handwriting text, drawing, adding notes and other functions, smooth use, stable and reliable.

I/O Overview

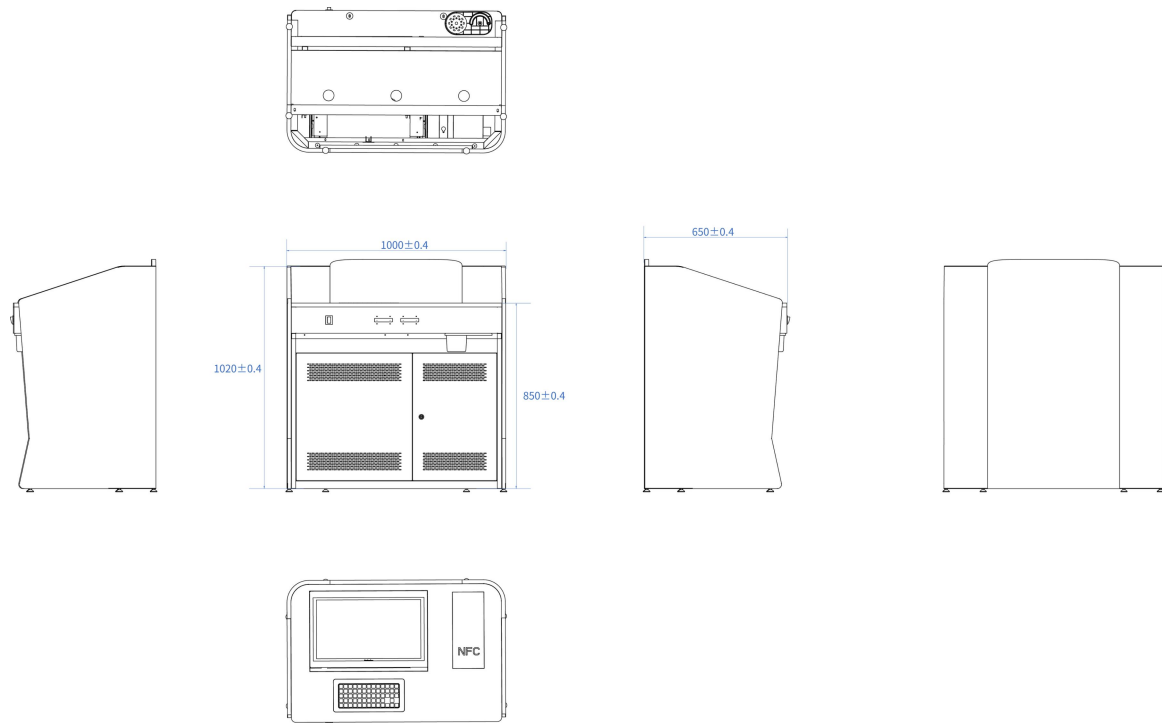
21.5 Waterproof touch panel

Built-in Keyboard

Screen Angle Adjustment Button

Storage Zone

NFC Module

Mic Array

HDMI® In

USB Type-C In

USB 3.0

DC Jack

LAN

USB 2.0

HDMI® In

RS485

Mic In

GPIO

HUB

USB 3.0

HDMI® Out

RS232

Headphone

Specifications

Model			S23-ADLP-VCC03
CPU			13th/12th Gen Intel® Core™ i7/i5/i3 Processor, 15W-45W
Memory	Type		2x DDR5 SO-DIMM, Up to 4800MHz, Dual channel
	Capacity		Max.64GB
Graphic	Controller		Intel® Iris® Xe Graphics
	Connector		HDMI®
Network	Ethernet	Controller	Intel 1219V & RTL8111
		Connector	2x 1Gbe RJ45
	WIFI		1x M.2 E-Key 2230 slot for WIFI 6E + BT 5.3, Support PCIe + USB & CNVi Signal
Audio	Controller		Realtek ALC897
Storage	SSD		1x M.2 M-Key 2280/2242 slot, Support PCIe X4 & SATA mode
I/O	Front	LAN	2
		HUB	1x RJ45
		USB 3.0	4
		USB 2.0	3, Support Touch
		USB Type-C In	1, With resolution of 4K@60Hz, DP to MIPI
		HDMI® Out	3, With resolution of 4K@60Hz
		HDMI® In	2
		Headphone	1
		Mic In	1
		Digital Mic	1(4 Arrays)
		Power Button	1
		Reset button	1
	Internal	Phoenix termina	Support 4* RS232 & 2* RS485 & 4*GPIO
HUB Board	Front I/O	HDMI® Out	4
	Internal I/O	HDMI® In	3
		HUB Connector	1x RJ45
		DC Jack	1, Reserved, 12~19V
Environment	Temperature	Operating	0℃-45℃
		Storage	-20℃-60℃
	Humidity	Operating	10%~90% non-condensing
		Storage	5%~95% non-condensing
Feature	HUB Support		Y
	Screen		21.5'' touch Panel (eDP to LVDS)
	Waterproof of screen		Y
	NFC Support		Y
	Lifting platform		Y
	Wireless Charger		Y
	One click system restore function		Y
	Electric Angle adjustment function of screen		0~22°, Function reserved
Noise Value			38db@1m
Power			DC 19V, With Adpater
OS			Win 10/ Win 11
Bios			Insyde BIOS

Dimensions (Unit: mm)

1000±0.4

1020±0.4

850±0.4

650±0.4

NFC

*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.