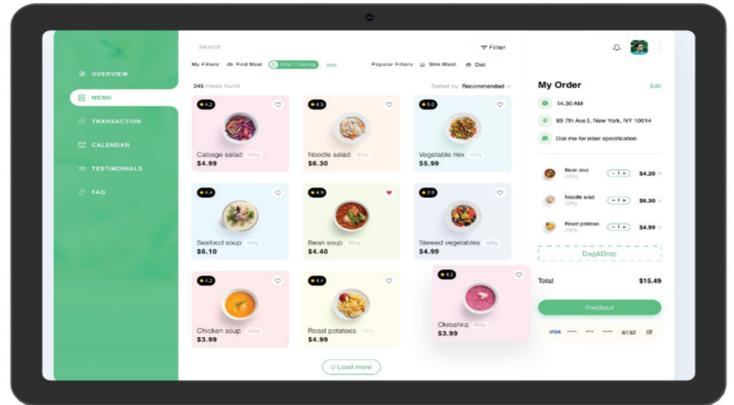# ANDROID OS

ANDROID (non)TOUCH DISPLAYS

AVAILABLE SIZES:
7 - 8 - 10 - 14 - 15.6 - 18.5 - 21.5 - 24 - 27 - 32 - 43 - 55inch

RETAIL BUSINESS

Android Displays for use in a commercial environment. These displays have a rooted Android operating system and can be used for several solutions to inform and advise people in an attractive way, 24-7.

ONLINE MODELS

Often used in retail displays and built-in ShopDisplays or in Public environments.

TOUCH & PANEL

- 10 points capacitive touch
- Optional: non touch panel
- 24inch High Resolution Panel 1920x1080 pixels

ANDROID CHIP & OS VERSIONS

- RK3576S with Android OS 14
- RK3588 with Android OS 12

ADDITIONAL FEATURES:

- PoE: Power over Ethernet (8 to 21.5inch)
- NFC & RFID (optional)
- Triggering: pushbuttons, sensors
- LED light: external lightstrips

Note:
There is no signage software installed, please provide your own software or we can provide dedicated signage software.

ANDROID ROOTED

All our models have Rooted Android. The OS system can be adjusted according your needs.

YOUR SOFTWARE

We can pre-install your software apps on the Android OS. We can also make your OS image custommade, with your startup logo.

✓ Easy hangup system at backside (mounting flat-wall plate)

✓ AutoStart by plug in power adapter

✓ WIFI and LAN for internet connection (optional SIM USB dongle)

Certifications: CE FC RoHS

SOFTWARE OPTIONS

ADD: YOUR SOFTWARE

We can pre-install your software apps on the Android OS. We can also make your OS image custommade, with your startup logo.

ADD: SIGNAGE SOFTWARE

We can provide software apps on the Android OS.
Find some suggestions below:

KIOWARE: Lockdown your website or your app (kiosk mode)

FULLY VIDEO: AutoStart App loop video from USB & Internal Memory

FULLY WEBSITE: Lockdown your website in full screen mode

ICHANNEL: Remote controlled pushed presentations with web-based control system (CMS). Create in the CMS presentations and schedule them, online.

ROOM & DESK SHARING: Roombooking and Desk Sharing software

Optional: add external Triggers & Sensors for Video Activation

Customized Android displays to connect triggers for video & volume activation:

· Metal or plastic pushbuttons with lightring and symbol

· Touchless sensor buttons (wave your hand above the sensor)

· RFID Sensors for "Lift and Learn"

· RFID Sensors for scanning a product with RFID sticker

· Motion detection sensors

· Light Sensors detection area

Optional: add (Interactive) LED Light strips and panels

Customized Android displays to connect LED lightning:

· LED strips or LED Panel Light up your product

· Light up a product during an activated video

· Light up a brand logo in a retail display
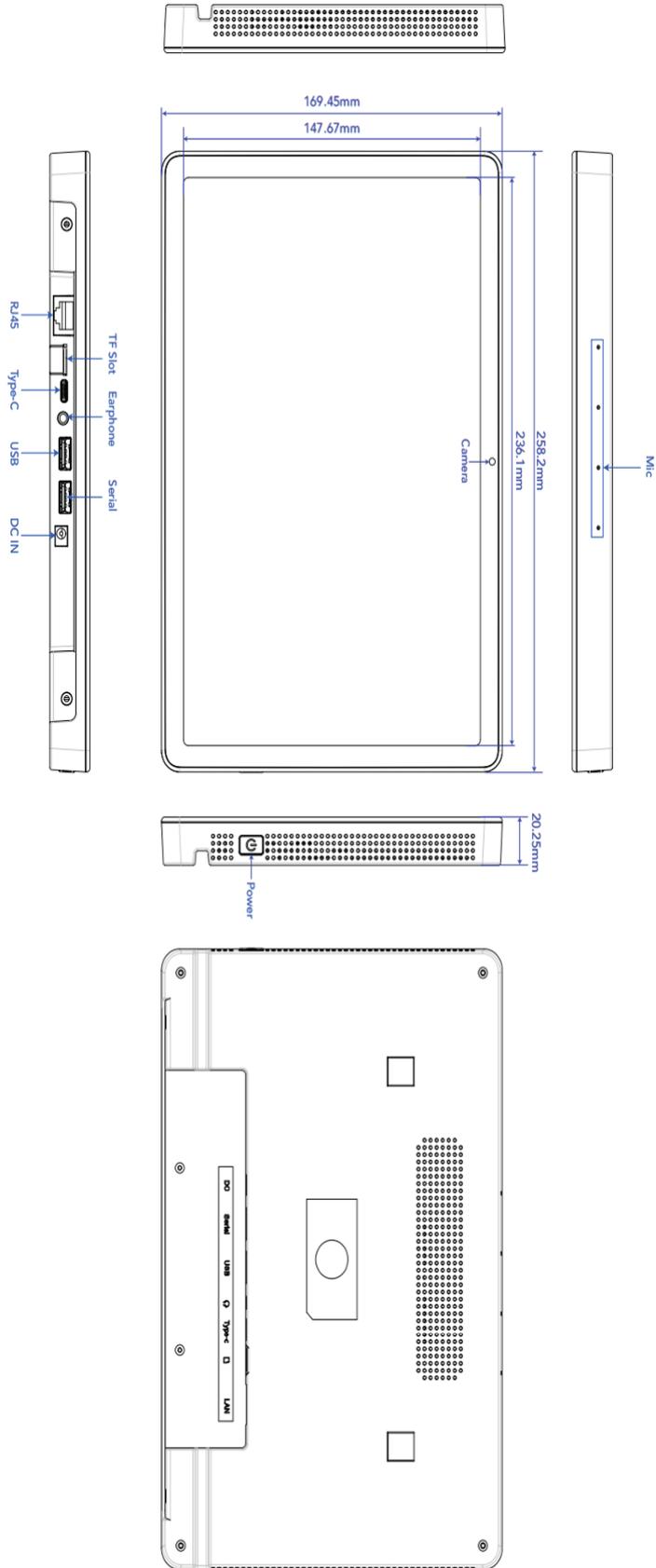
· Different colors available

SPECIFICATIONS:

System	CPU	RK3576S Quad core cortex A72+Quad core cortex A53
	GPU	ARM Mali G52 MC3
	NPU	3.0 TOPS
	RAM	4GB
	Internal memory	64GB
	Operation system	Android 14
Display	Panel size	10.95"
	Resolution	1920*1200
	Color gamut	56% CF glass/C-light
	Viewing angle	R/L 80/80, U/D 80/80
	Contrast ratio	1500:1
	Luminance	280nits
	Backlight lifetime	30000h
	Aspect Ratio	16:10
Touch	Touch type	In cell, capacitive touch screen
	Number of points	10-Point
Network	WiFi	IEEE 802.11a/b/g/n/ac/ax（Wi-Fi 6）
	Buletooth	Bluetooth 5.4
	Ethernet	10M/100M/1000M
Interface	TF Slot	1×TF Slot ,Max support to 128GB
	Earphone	1×3.5mm Earphone
	USB-A	1×USB 3.0 host
	USB-A	1×USB for serial (TTL Level)，Optional USB Host
	RJ45	1×Ethernet interface
	Type-C	1×Type-C (Only supports OTG function)
	Power jack	DC 12V power input
Multimedia	Decoder	H.264,H.265,VP9,AV1,AVS2,JPEG
	Encoder	H.264,H.265,JPEG
Other	Product Colors	White/Black
	Button	Power
	G-sensor	Support 90 degrees
	Speaker	4Ω*2W*2
	Microphone	Standard Quad Microphone , Support noise reduction and echo cancellation
	NFC	Optional,NXP PN7160, ISO/IEC 18092(NFCIP-1),ISO/IEC 21481(NFCIP-2),ISO/IEC 14443A,ISO/IEC 14443B, ISO/IEC15693,Mifare Classic,Mifare Ultralight,MIFARE DESFire EV1/ EV2 ,Sony FeliCa
	RFID	Optional,125k,ISO/IEC 11784/11785,EM4100,TK4100/GK4100
	Camera	5.0MP
	Certificates	CCC/CE/FCC
	POE	Support IEEE802.3at
Working Surrounding	Working Temperature	0℃---40℃
	Storage Temperature	-20℃---60℃
	Working Humidity	20~80%RH
	Storage Humidity	10~95%RH
Accessories	Adapter	Adapter,12V/1.5A
	User manual	*1

Product Measurement, mm

Unit (Without packaging)			Giftbox (With Packaging)			Carton pcs/CTN		
L	W	H	L	W	H	L	W	H
258,2	169,45	20,25						
N.W(kg)			N.W(kg)			N.W(kg)		
						G.W		

DRAWING:

169.45mm

147.67mm

258.2mm

236.1mm

RJ45

TF Slot

Type-C

Earphone

USB

Serial

DC IN

Camera

Mic

20.25mm

Power

DO

Serial

USB

Type-C

LAN

Pictures:
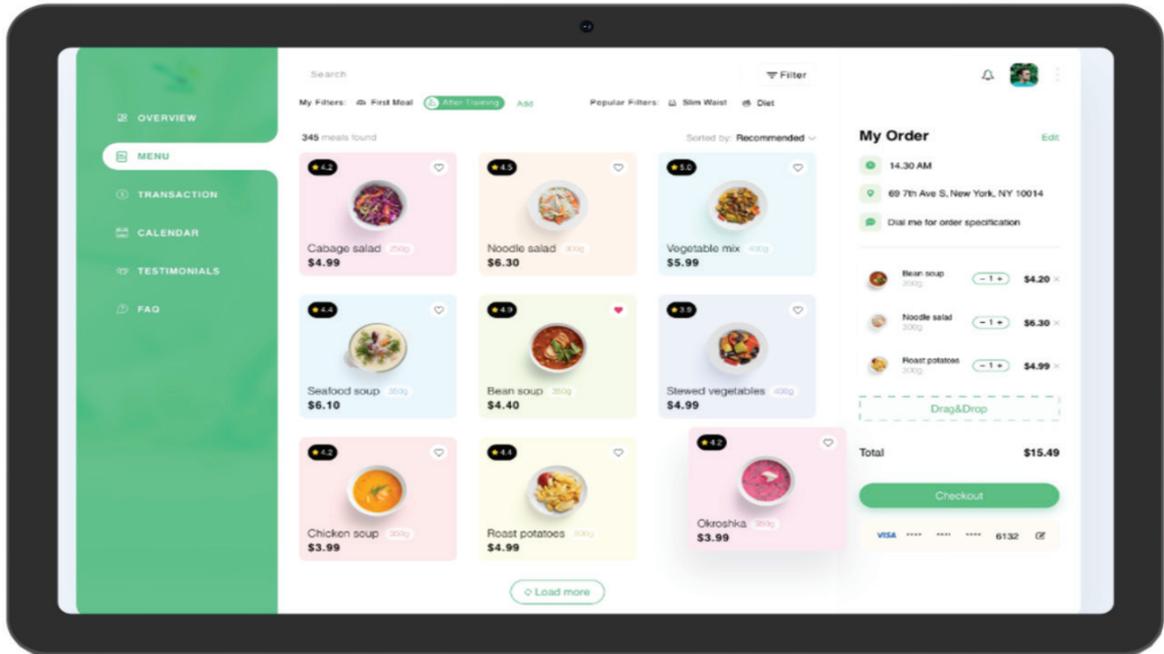
OTHER MODEL TYPES

OPEN FRAME

NARROW BEZEL

STRETCHED LCD

DESK SHAPE

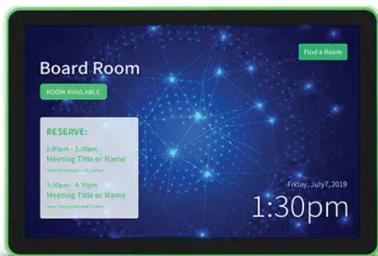## ROOM BOOKING

HEALTH CARE

FLOOR KIOSK

HANGING LCD