PRO DVX | ALWAYS ON

APPC-32X
(R23-7002)

Android Panel PC

Product Overview

The APPC-32X (R23-7002), equipped with an advanced Rockchip dual-processor and Mali-T860 GPU, is designed to elevate performance to new heights. With 4GB of RAM and 16GB of storage, multitask-ing is a breeze. Operating on Android 13, it offers one of the most flexible and secure operating systems in the market. The APPC-32X (R23-7002) features a maximum brightness of 350 cd/m2. Paired with a 10-point touch-enabled panel treated for non-glare, this Android Panel PC ensures an optimal user experience. Designed for interactive kiosks, the APPC-32X (R23-7002) comes with a VESA mounting frame for easy installation. Its array of I/O ports ensures compatibility with a wide range of peripheral devices, making it a versatile solution for your needs.
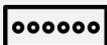
Powered by Android 13, the APPC-32X offers access to the full range of advantages that the Android platform provides, including robust security features and great flexibility.

Revolutionise your user experience with the APPC-32X, fuelled by a powerful Rockchip dual-processor and Mali-T860 GPU, this Android Panel PC delivers high performance and advanced graphical capabilities.

Enjoy a simplified installation process. The APPC-32X is easy to install with its VESA mount-ing frame. You will be up and running in no-time.

Unlock the full potential of the APPC-32X by pairing it with our pogo pin accessories. Available accessories include an NFC reader, Barcode scanner, Camera and LED module.
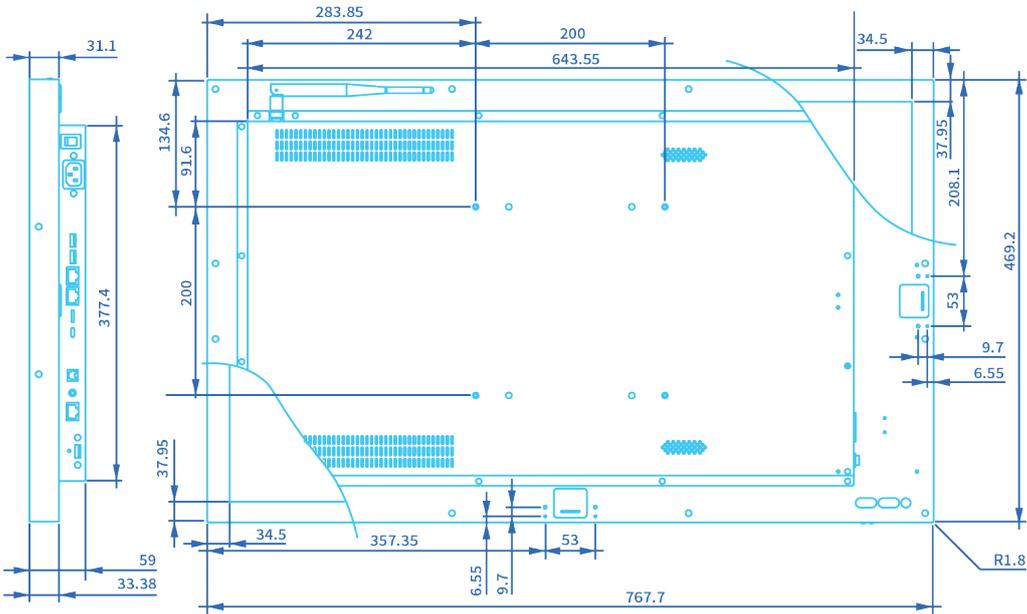
The APPC-32X comes with a new non-glare coating, contributing to a more comfortable viewing experience by reducing reflections, enhancing visibility and diminishing eye strain.
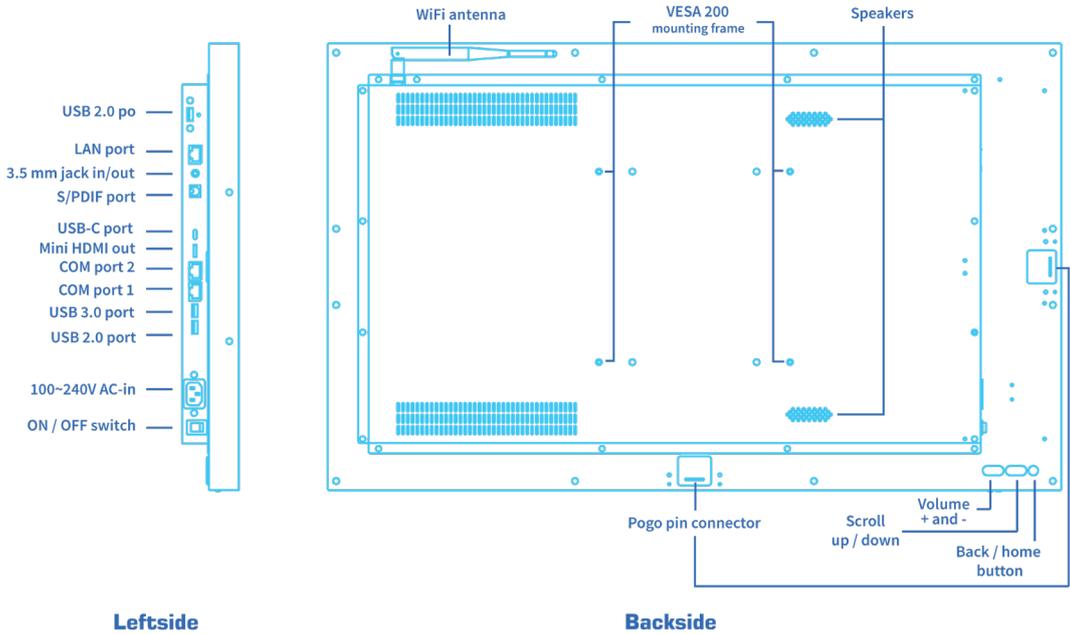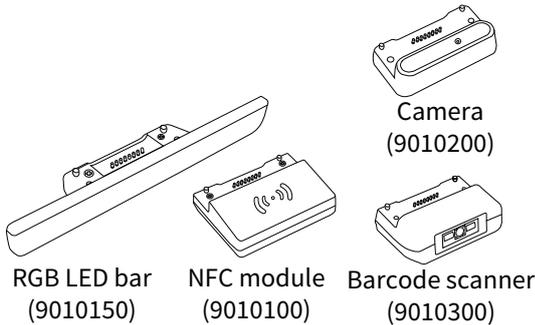
Technical Drawing

Sustainability

At ProDVX we are committed to doing our part when it comes to the environment. Our products are designed to have the lowest possible impact on the environment, from inception to product retirement. We also strive to operate our offices and warehouse in a carbon-neutral manner. Our aim is to lead the way in conducting responsible business in the digital signage hardware industry.

I/O Overview

WiFi antenna   VESA 200 mounting frame   Speakers

USB 2.0 po
LAN port
3.5 mm jack in/out
S/PDIF port
USB-C port
Mini HDMI out
COM port 2
COM port 1
USB 3.0 port
USB 2.0 port
100~240V AC-in
ON / OFF switch

Pogo pin connector

Scroll up / down

Volume + and -

Back / home button

Leftside   **Backside**

Optional Accessories

Please contact your account manager for accessories

Camera
(9010200)

RGB LED bar
(9010150)

NFC module
(9010100)

Barcode scanner
(9010300)

* Compatible with all ProDVX VESA 75 stands, mounts & brackets.

Product Specifications

Certification:

UKCA,CE,FCC,RoHS,REACH

Performance

CPU model	RockChip RK3399
CPU type	Dual-core Cortex-A72,Quad-core Cortex-A53
CPU speed	A53 - 1.4GHz,A72 - 1.8GHz
GPU type	MALI T860MP4 / 3D Graphic Engine (4K)
GPU speed	up to 700MHz
RAM	4GB
RAM type	LPDDR4
Storage	16GB
Storage type	eMMC
External storage	SD-Card Slot (door)
OS	Android 13

Panel

LCD	1920x1080xRGB@60Hz
Type	TFT LCD IPS
Size	31.5
Contrast	3000 to 1
Viewing Angle	H178 / V178
Colours	8 bit LVDS (16.7M) 72%NTSC CIE1931
Response time	30 ms
Backlight	Edge-LED backlight
BLU	350 cd/m2
Cover glass	>6H - 3.4mm
Treatment	Non-glare
Haze	4~10%
Touch type	10 TP Pcap 20ms

Frame

Size	767,7 x 469,2 x 59 mm
Weight	13750 g
Material	Metal
VESA	VESA 200
Color	Black

Special

PoE	N.A.
IEEE 802.1x	LAN & WiFi, PEAP/TLS/TTLS
Cooling	Fanless
HDMI-in	N.A.
HDMI-out	Yes, mini-HDMI out
WiFi	802.11 a/b/g/n
Bluetooth	5
LAN	10/100/1000 Mbps LAN
Audio internal	2 x 3 W
Audio external	3.5mm jack in/out
Microphone	via USB & 3.5mm jack
USB ports	2x USB 2.0 type A,1x USB 3.0 type A
OTG	1x USB 3.0 type C
Other ports	2x RS-232 (RJ45),optical audio
PoGo slots	2x (bottom/left)
NFC	via PoGo & USB
Camera	via PoGo & USB
Barcode scan	via PoGo & USB
LED	via PoGo
Operating hrs	24h / 7d
MTBF	50,000 hours demonstrated
Clock batt.	CR1220 Lithium metal, non rechargeable
Alternative OS	Android 11
Power input	AC 110 V - 240 V
Operating temp	0 ~ 40 degrees C
Storage temp	-10~55 degrees C
Humidity	10 ~ 90 % non-condensing
Warranty	3 years
Orientation	Landscape,Portrait,Table Mode
SIM card slot	N.A.
Power usage	50 ~ 75 Watt
OSD language	Multi OSD language

Multimedia support

Image format	JPG,JPEG,PNG,BMP,GIF
Audio format	AAC,ASF,MP2,OGG,WAV,WMA
Video format	3GP,ASF,AVI,DAT,FLV,MKV,MOV,VOB,WMV,MP4,MPG,RM,TS