PRO DVX | ALWAYS ON

APPC-22XP
(R23-7222)

Android Panel PC

Product Overview

The APPC-22XP (R23-7222) is a 22-inch Android-based Panel PC, ready to improve your digital communication with its cutting-edge features. Featuring a high-performance Rockchip dual-processor and Mali-T860 GPU, it delivers a seamless user experience. Enhanced RAM and storage ensure multitasking capability, while Android 11 provides the APPC-22XP (R23-7222) with a soft ware agnostic operating system. In addition, the APPC-22XP (R23-7222) is easily installable thanks to its VESA mounting frame and PoE++ capability, eliminating the requirement for extra power cables. Its durable touch panel supports 10-point touch functionality, up to 250 cd/m2 and is treated for non-glare to provide the most optimal user experience. Moreover, the APPC-22XP (R23-7222) showcases a broad range of I/O ports, granting unmatched flexibility for various applications. Whether utilized for interactive kiosks, self-service, or interactive wayfinding, the APPC-22XP (R23-7222) effortlessly handles any solution.

Powered by Android 11, the APPC-22XP 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-22XP, 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-22XP is easy to install with its VESA mounting frame and Power over Ethernet++. You will be up and running in no-time.

Unlock the full potential of the APPC-22XP by pairing it with our pogo pin accessories. Available accessories include an NFC reader, Barcode scanner, Camera and LED module.
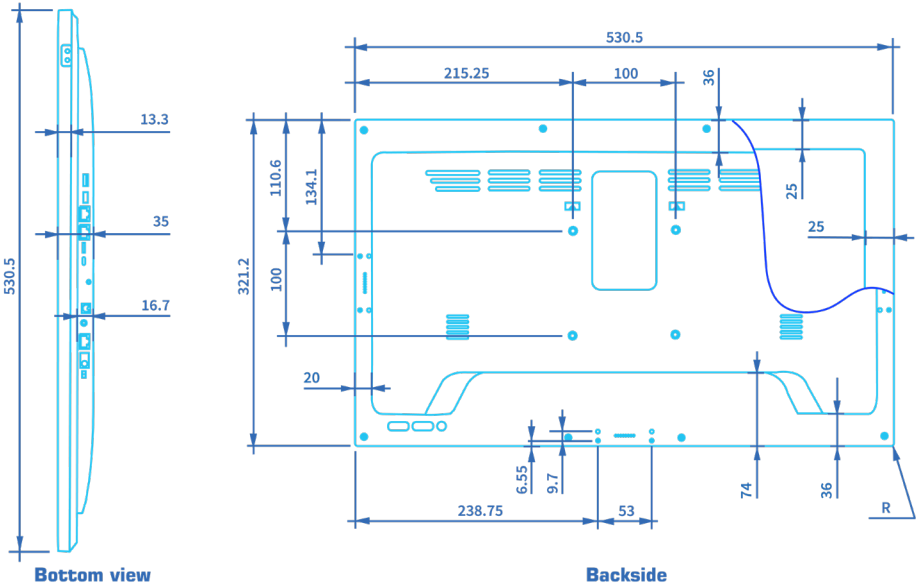
The APPC-22XP comes with a new non-glare coating, contributing to a more comfortable viewing experience by reducing reflections, enhancing visibility and diminishing eye strain.

Technical Drawing

Bottom view

Backside

530.5

215.25   100   36

13.3

110.6   134.1

35

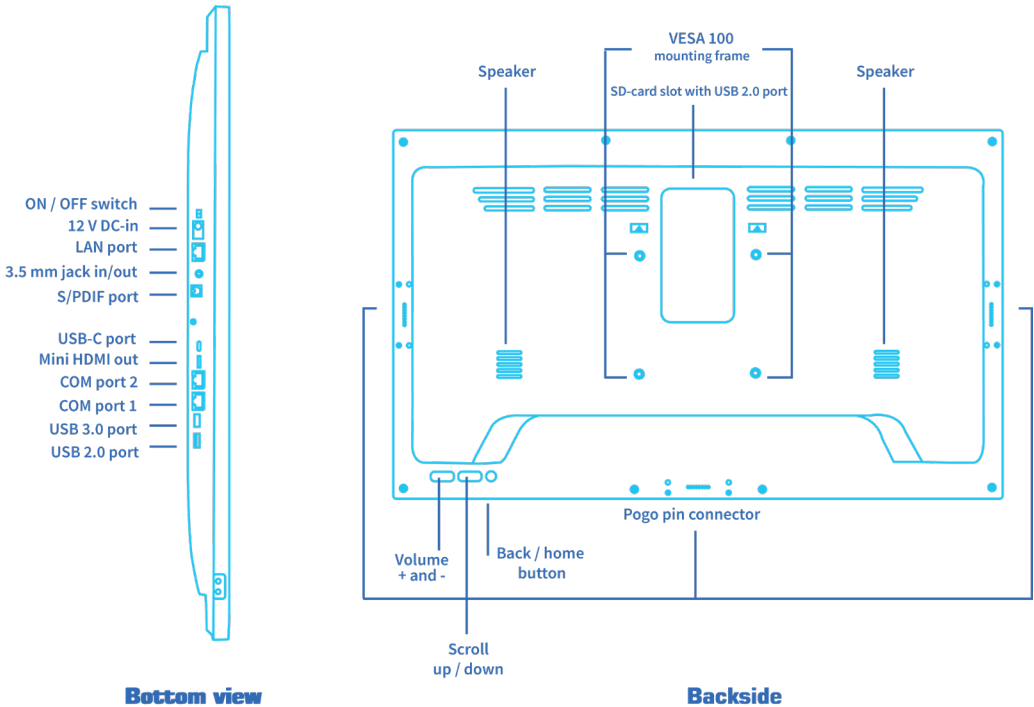321.2   100   25

16.7   25

530.5

20

6.55   9.7   74   36

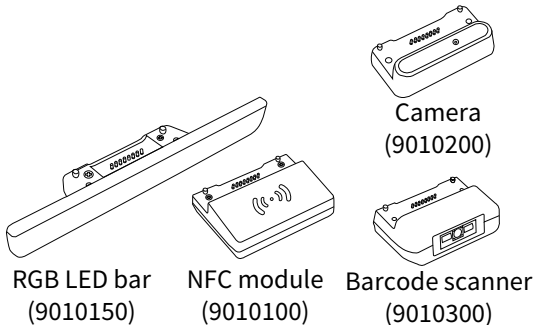238.75   53   R

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

ON / OFF switch
12 V DC-in
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

Bottom view

Speaker

VESA 100 mounting frame

SD-card slot with USB 2.0 port

Speaker

Pogo pin connector

Volume + and -

Back / home button

Scroll up / down

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	A72 - 1.8GHz,A53 - 1.4GHz
GPU type	MALI T860 / 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 11

Panel

LCD	1920x1080xRGB@60Hz
Type	TFT LCD IPS
Size	21.5
Contrast	3000 to 1
Viewing Angle	H178 / V178
Colours	8 bit LVDS (16.7M) 72%NTSC CIE1931
Response time	18 ms
Backlight	Edge-LED backlight
BLU	250 cd/m2
Cover glass	>6H - 2.05mm
Treatment	Non-glare
Haze	4~10%
Touch type	10 point touch projected capacitive

Frame

Size	530,5 x 321,22 x 35 mm
Weight	3500 g
Material	ABS+PC (Macrolon)
VESA	VESA 100
Color	Black

Special

PoE	IEEE 802.3bt Type 3 (PoE++)
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/ac
Bluetooth	5
LAN	10/100/1000 Mbps LAN
Audio internal	2 x 3 W
Audio external	3.5mm jack in/out
Microphone	YES
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	3x (bottom/left/right)
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 9,Debian 11
Power input	12 V / 5 A
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	30 ~ 45 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