

APPC-12XP

(R23-7222)

Android Panel PC



Product Overview

Explore our latest 12-inch Android Panel PC, the APPC-12XP (R23-7222). Operating on Android 12 and powered by the quad-core Cortex-A55 CPU and Mali-G52 GPU (RK3568), this device provides seamless operation and advanced graphics capabilities. Featuring 4GB RAM and 16GB storage, it enables efficient multitasking, while IEEE 802.3at PoE+ support streamlines power and connectivity and eliminates complex wiring plans. This Android Panel PC offers diverse I/O ports for peripheral devices, making it ideal for many solutions from retail and corporate, to healthcare and industrial settings. The APPC-12XP (R23-7222) supports 10-point PCAP touch functionality and has undergone a non-glare treatment for enhanced visibility. In addition, the APPC-12XP (R23-7222) supports 600cd/m2. With its innovative features, the APPC-12XP (R23-7222) is the perfect device to enhance your solution.



Powered by Android 12, the APPC-12XP 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-12XP, fuelled by a new powerful quad-core Cortex-A55 CPU and Mali-G52 GPU, this Android Panel PC delivers high performance and advanced graphical capabilities.



Enjoy a simplified installation process. The APPC-12XP 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-12XP by pairing it with our pogo pin accessories. Available accessories include an NFC reader, Barcode scanner, Camera and LED module.

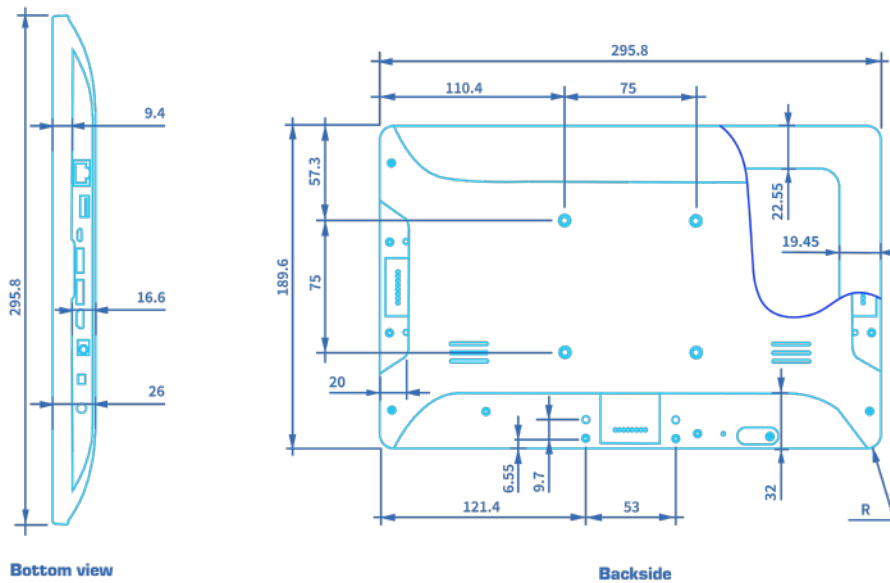


The APPC-12XP comes with a new non-glare coating, contributing to a more comfortable viewing experience by reducing reflections, enhancing visibility and diminishing eye strain.

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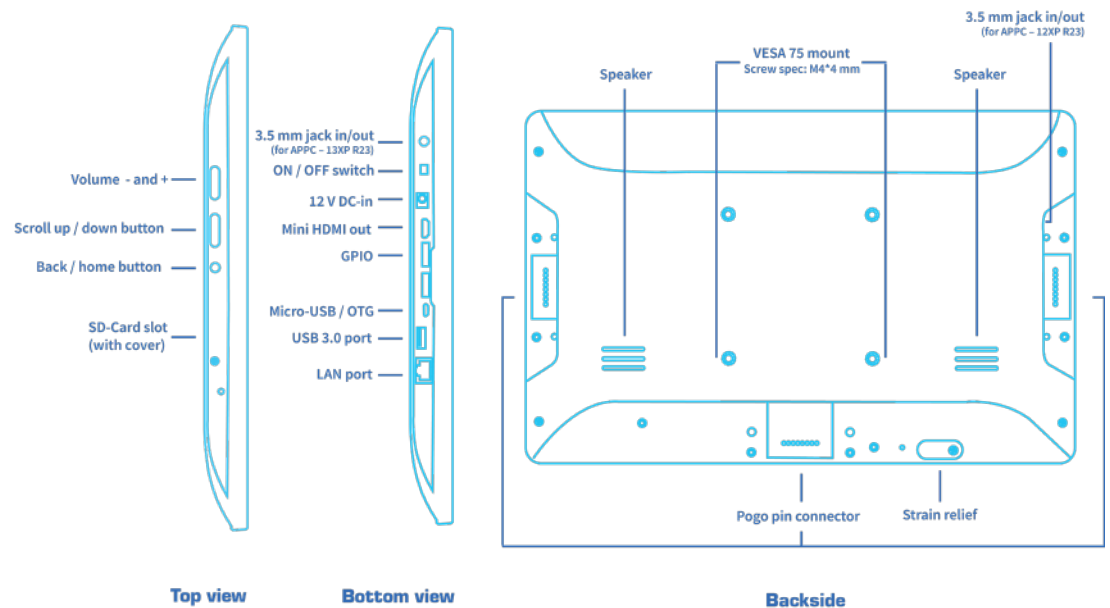
Technical Drawing



Sustainability

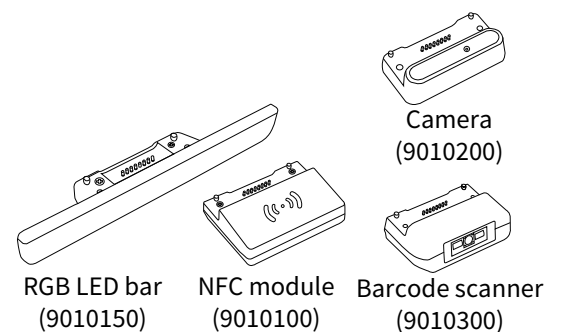
At ProDVX we are committed to doing our part when it comes to the environment. Our products are designed to have the lowest possible impact on the environment, from inception to product retirement. We also strive to operate our offices and warehouse in a carbon-neutral manner. Our aim is to lead the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

I/O Overview



Optional Accessories

- GM-75_(8080850) VESA 75 compatible glass mount
- DS-10_(8010100) VESA 75/100 compatible desk stand
- DS-15_(8010150) VESA 75/100 compatible desk stand
- DS-75_(8075000) VESA 75 compatible desk stand
- WM-35_(8050350) VESA 75/100 compatible wall mount



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

Product Specifications

Certification:
UKCA,CE,FCC,RoHS,REACH

Performance

CPU model	RockChip RK3568
CPU type	Quad-core Cortex-A55
CPU speed	A55 - up to 2.0GHz
GPU type	Mali-G52
GPU speed	up to 950MHz
RAM	4GB
RAM type	LPDDR4
Storage	16GB
Storage type	eMMC
External storage	SD-Card Slot (door)
OS	Android 12

Special

PoE	IEEE 802.3at (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
Bluetooth	5
LAN	10/100/1000 Mbps LAN
Audio internal	2 x 2 W
Audio external	3.5mm jack in/out
Microphone	YES
USB ports	1x USB 3.0 type A
OTG	1x USB 2.0 type micro
Other ports	GPIO
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	45,000 hours demonstrated
Clock batt.	CR1220 Lithium metal, non rechargeable
Alternative OS	Debian 11
Power input	12 V / 2 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	10 ~ 23 Watt
OSD language	Multi OSD language

Panel

LCD	1920x1080xRGB@60Hz
Type	TFT LCD IPS
Size	11.6
Contrast	1000 to 1
Viewing Angle	H160 / V160
Colours	8 bit LVDS (16.7M) 72%NTSC CIE1931
Response time	30 ms
Backlight	Edge-LED backlight
BLU	600 cd/m2
Cover glass	>7H - 2mm
Treatment	Non-glare
Haze	2 ~ 8%
Touch type	10 TP Pcap 10ms

Frame

Size	295,8 x 189,6 x 26 mm
Weight	900 g
Material	ABS+PC (Macrolon)
VESA	VESA 75
Color	Black

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