

APPC-13XP

(R23-7222)

Android Panel PC



Product Overview

Explore our cutting-edge 13-inch Android Panel PC, the APPC-13XP (R23-7221). Running on Android 12 and equipped with a quad-core Cortex-A55 CPU and Mali-G52 GPU (RK3568), this device ensures seamless operation and delivers advanced graphics capabilities. Boasting 4GB RAM and 16GB storage, it facilitates efficient multitasking. The inclusion of IEEE 802.3at PoE+ support simplifies power and connectivity, eliminating the need for intricate wiring plans. This Android Panel PC provides a range of I/O ports for peripheral devices, making it an ideal solution for various applications, including retail, corporate, healthcare, and industrial settings. The APPC-13XP (R23-7221) supports 10-point PCAP touch functionality and has undergone non-glare treatment for improved visibility. Additionally, it supports 300cd/m2 brightness. With its innovative features, the APPC-13XP (R23-7221) stands as the ultimate device to elevate your solution to new heights.



Powered by Android 12, the APPC-13XP 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-13XP, 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-13XP 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-13XP by pairing it with our pogo pin accessories. Available accessories include an NFC reader, Barcode scanner, Camera and LED module.

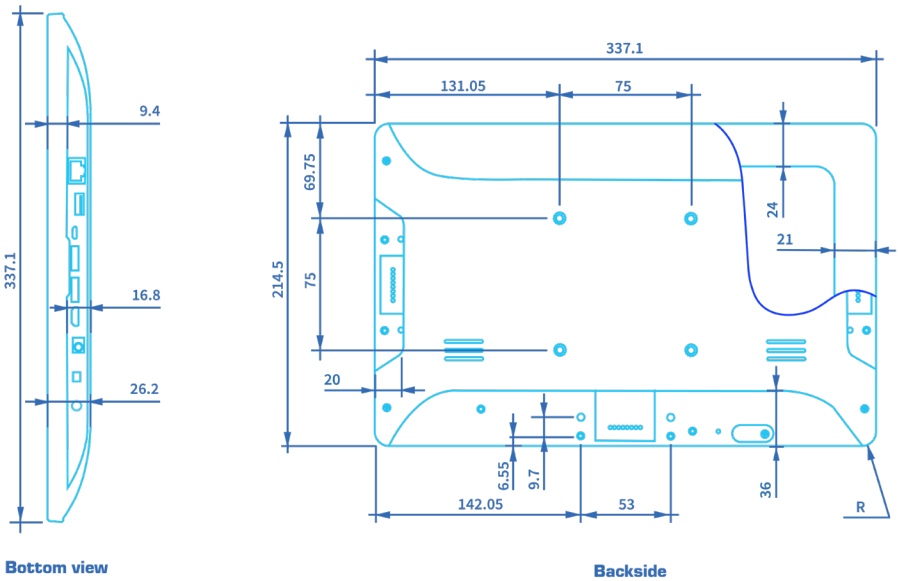


The APPC-13XP comes with a new non-glare coating, contributing to a more comfortable viewing experience by reducing reflections, enhancing visibility and diminishing eye strain.

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Article code: 5013200

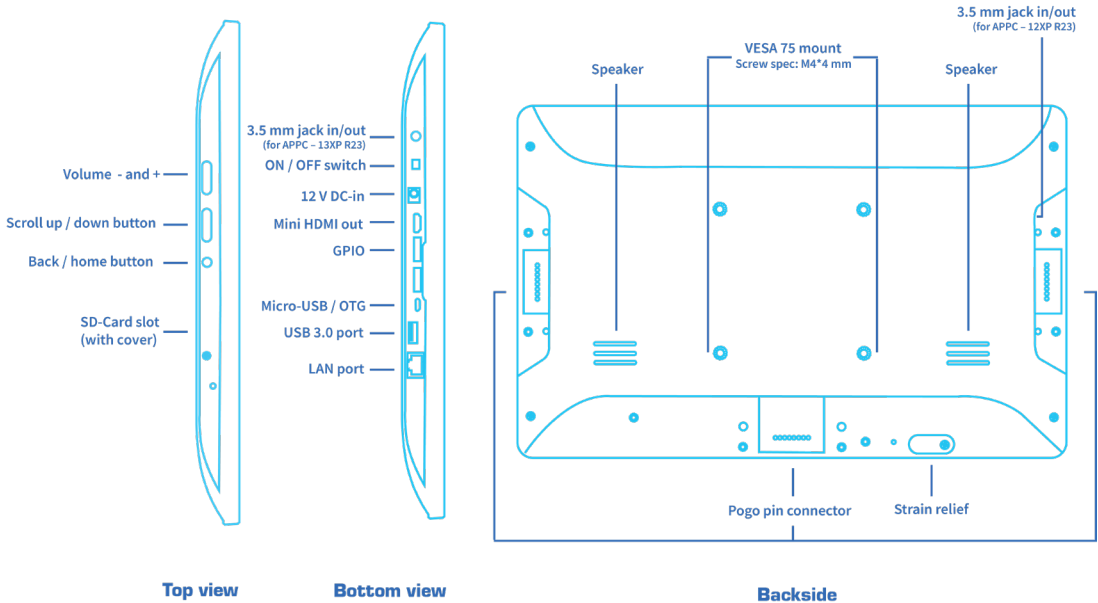
Technical Drawing



Sustainability

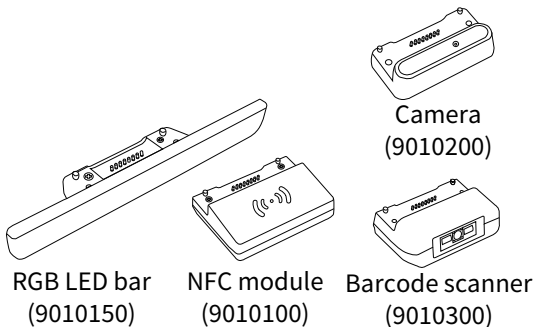
At ProDVX we are committed to doing our part when it comes to the environment. Our products are designed to have the lowest possible impact on the environment, from inception to product retirement. We also strive to operate our offices and warehouse in a carbon-neutral manner. Our aim is to lead the 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-20_(8010200) VESA 100 compatible desk stand
- DS-25_(8010225) VESA 75 compatible desk stand



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

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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

Panel

LCD	1920x1080xRGB@60Hz
Type	TFT LCD IPS
Size	13.3
Contrast	800 to 1
Viewing Angle	H170 / V170
Colours	8 bit LVDS (16.7M) 72%NTSC CIE1931
Response time	30 ms
Backlight	Edge-LED backlight
BLU	300 cd/m2
Cover glass	>7H - 2.4mm
Treatment	Non-glare
Haze	2 ~ 8%
Touch type	10 TP Pcap 10ms

Frame

Size	337,1 x 214,5 x 26,2 mm
Weight	1050 g
Material	ABS+PC (Macrolon)
VESA	VESA 75
Color	Black

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	YES (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

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