

# **APPC-7XPLN**

(R23-7281)

Android Panel PC



#### **Product Overview**

The APPC-7XPLN (R23-7281) is a 7-inch Android Panel PC running on Android 12. Powered by the quad-core Cortex-A55 CPU and Mali-G52 GPU (RK3568), this device ensures seamless operation and advanced graphical capabilities. With 4GB RAM and 16GB storage, multitasking becomes efficient, while IEEE 802.3at PoE+ support streamlines power and connectivity. Installation is a breeze with VESA mounting capability and a single PoE+ Ethernet cable, eliminating wiring complexities. Connectivity is crucial, offering various I/O ports for peripheral devices, making it ideal for retail, corporate, and industrial settings. The 7-inch touchscreen interface, driven by Android, ensures intuitive navigation, complemented by dual-sided RGB LED status lights. This Android Panel PC supports 10-point PCAP touch functionality and has received a non-glare treatment for enhanced visibility. Additionally, the APPC-7XPLN (R23-7281) includes an integrated NFC module for added functionalities.



Powered by Android 12, the APPC-7XPLN 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-7XPLN, 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.



Simplify the installation process. The APPC-7XPLN is easy to install with its VESA mounting frame and Power over Ethernet+. You will be up and running in no-time.



Enjoy state-of-the-art features, including full RGB side LED bars for effective signalling, and an integrated NFC module for easy communication with other NFC-enabled devices.

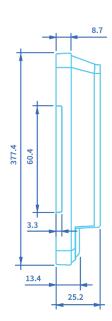


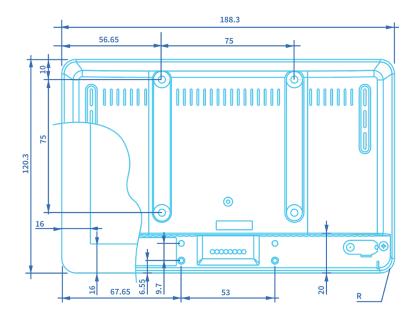
The APPC-7XPLN comes with a new non-glare coating, contributing to a more comfortable viewing experience by reducing reflections, enhancing visibility and diminishing eye strain.

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Article code: 5007560

# **Technical Drawing**



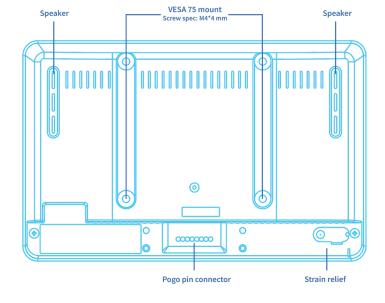


#### Sustainability

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





**Bottom view** 

#### **Backside**

# **Optional Accessories**

FM-07\_(8080970) Flush mount for in-wall mounting GM-75\_(8080850) VESA 75 compatible glass mount DS-75\_(8075000) VESA 75 compatible desk stand DS-10\_(8010100) VESA 75/100 compatible desk stand DS-15\_(8010150) VESA 75/100 compatible desk stand



<sup>\*</sup> Compatible with all ProDVX VESA 75 stands, mounts & brackets.

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# **Product Specifications**

#### **Performance**

**CPU** model RockChip RK3568 CPU type Quad-core Cortex-A55 **CPU** speed A55 - up to 2.0GHz **GPU** type Mali-G52-2EE **GPU** speed up to 950MHz

**RAM** 4GB RAM type LPDDR4 Storage 16GB Storage type eMMC

MicroSD-Card Slot (door) External storage

Android 12

#### **Panel**

LCD 1024x600xRGB@60Hz

Type TFT LCD Size 7 800 to 1 Contrast Viewing Angle H140 / V130

8 bit LVDS (16.7M) 72%NTSC CIE1931 Colours

Response time

Edge-LED backlight **Backlight** 

300 cd/m2 **BLU** Cover glass >6H - 1.4mm **Treatment** Non-glare Haze 2~8%

Touch type 10 TP Pcap 10ms

#### Frame

Size 188,1 x 120,3 x 25,2

Weight 360 g

Material ABS+PC (Macrolon)

VESA 75 **VESA** Color Black

#### Certification:

UKCA.CE.FCC.RoHS.REACH

#### **Special**

PoF IEEE 802.3at (PoE+)

LAN & WiFi, PEAP/TLS/TTLS **IEEE 802.1x** 

**Fanless** Cooling **HDMI-in** N.A. N.A. **HDMI**-out

WiFi 802.11 a/b/g/n/ac

Bluetooth

ΙΔΝ 10/100/1000 Mbps LAN

**Audio internal** 2 x 1 W

Audio external 3.5mm jack in/out

Microphone

**USB** ports 1x USB 2.0 type A OTG 1x USB 2.0 type micro

Other ports N.A.

PoGo slots 1x (bottom)

NFC Integrated NFC reader (NXP PN553)

Camera via PoGo & USB Barcode scan via PoGo & USB 2 sided LED bar (RGB) LED

Operating hrs 24h / 7d

**MTBF** 35,000 hours demonstrated

Clock batt. CR1220 Lithium metal, non rechargeable

Alternative OS Debian 11 12 V / 2 A Power input Operating temp 0 ~ 40 degrees C -10~55 degrees C Storage temp

Humidity 0~95% non-condensing

Warranty 3 years

Orientation Landscape, Portrait, Table Mode, Flushmount

SIM card slot N.A. 6 ~ 23 Watt Power usage

Multi OSD language OSD language

# Multimedia support

JPG,JPEG,PNG,BMP,GIF Image format

**Audio format** MP2,WMA,WAV,AAC,OGG,MP3,ASF Video format MPEG2,MPEG4,H.264,MP4,MPG