

APPC-7XPL

(R23-7261)

Android Panel PC



Product Overview

The APPC-7XPL (R23-7261) 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.



Powered by Android 12, the APPC-7XPL 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-7XPL, 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-7XPL is easy to install with its VESA mounting frame and Power over Ethernet+. You will be up and running in no-time.



From room signage to point-of-sale solutions, easily employ efficient signalling via the 2-sided full RGB LED bars.

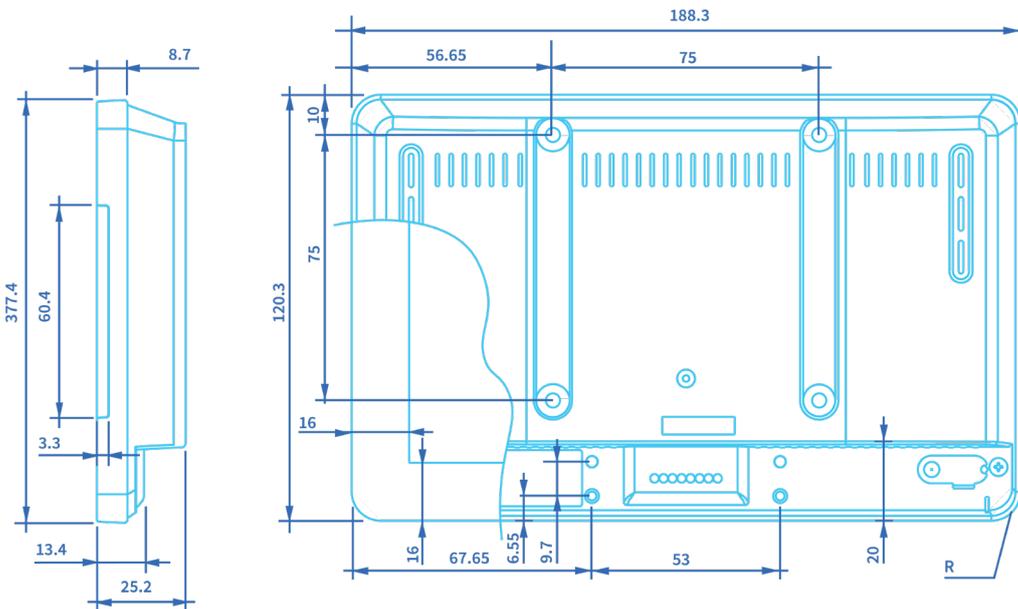


The APPC-7XPL comes with a new non-glare coating, contributing to a more comfortable viewing experience by reducing reflections, enhancing visibility and diminishing eye strain.

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Article code: 5007550

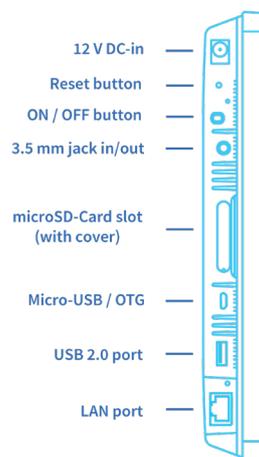
Technical Drawing



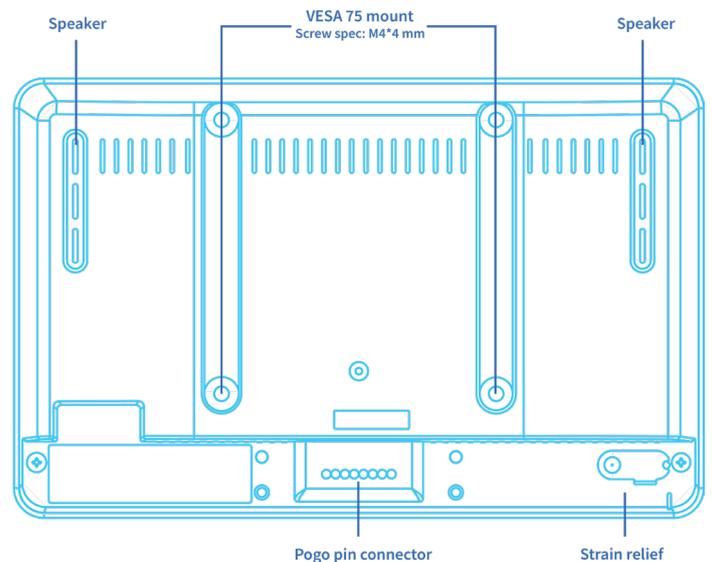
Sustainability

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
- PS-75_(8086100) VESA 75 compatible triangular stand



Camera
(9010200)



NFC module
(9010100)



Barcode scanner
(9010300)

* 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-G52-2EE |
| GPU speed | up to 950MHz |
| RAM | 4GB |
| RAM type | LPDDR4 |
| Storage | 16GB |
| Storage type | eMMC |
| External storage | MicroSD-Card Slot (door) |
| OS | Android 12 |

Panel

| | |
|---------------|------------------------------------|
| LCD | 1024x600xRGB@60Hz |
| Type | TFT LCD |
| Size | 7 |
| Contrast | 800 to 1 |
| Viewing Angle | H140 / V130 |
| Colours | 8 bit LVDS (16.7M) 72%NTSC CIE1931 |
| Response time | 13 ms |
| Backlight | Edge-LED backlight |
| BLU | 300 cd/m2 |
| 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 | 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 | N.A. |
| WiFi | 802.11 a/b/g/n/ac |
| Bluetooth | 5 |
| LAN | 10/100/1000 Mbps LAN |
| Audio internal | 2 x 1 W |
| Audio external | 3.5mm jack in/out |
| Microphone | YES |
| USB ports | 1x USB 2.0 type A |
| OTG | 1x USB 2.0 type micro |
| Other ports | N.A. |
| PoGo slots | 1x (bottom) |
| NFC | via PoGo & USB |
| Camera | via PoGo & USB |
| Barcode scan | via PoGo & USB |
| LED | 2 sided LED bar (RGB) |
| Operating hrs | 24h / 7d |
| MTBF | 35,000 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 | 0 ~ 95% non-condensing |
| Warranty | 3 years |
| Orientation | Landscape,Portrait,Table Mode,Flushmount |
| SIM card slot | N.A. |
| Power usage | 6 ~ 23 Watt |
| OSD language | Multi OSD language |

Multimedia support

| | |
|--------------|-----------------------------|
| Image format | JPG,JPEG,PNG,BMP,GIF |
| Audio format | MP2,WMA,WAV,AAC,OGG,ASF,MP3 |
| Video format | MPEG2,MPEG4,H.264,MP4,MPG |