

APPC-10XPL

(R23-7261)

Android Panel PC



Product Overview

The APPC-10XPL (R23-7261) is a 10.1-inch Android Panel PC, featuring Android 12 and a new quad-core Cortex-A55 CPU and Mali-G52 GPU (RK3568). It comes with a 2-sided full RGB LED bar for efficient signalling. The APPC-10XPL (R23-7261) ensures superior performance and next-level user experience. Enjoy hassle-free installation with the VESA mounting frame, and Power over Ethernet+ capability for efficient power provisioning. In addition, the non-glare touch panel, which supports 10-point PCAP touch functionality and high brightness, ensures an optimal user experience. The APPC-10XPL (R23-7261) is a highly versatile device, capable of handling any solution with ease. Its variety of I/O ports and pogo pin ports allow you to add any peripheral to further enhance your solution.



Powered by Android 12, the APPC-10XPL 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-10XPL, 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-10XPL 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.

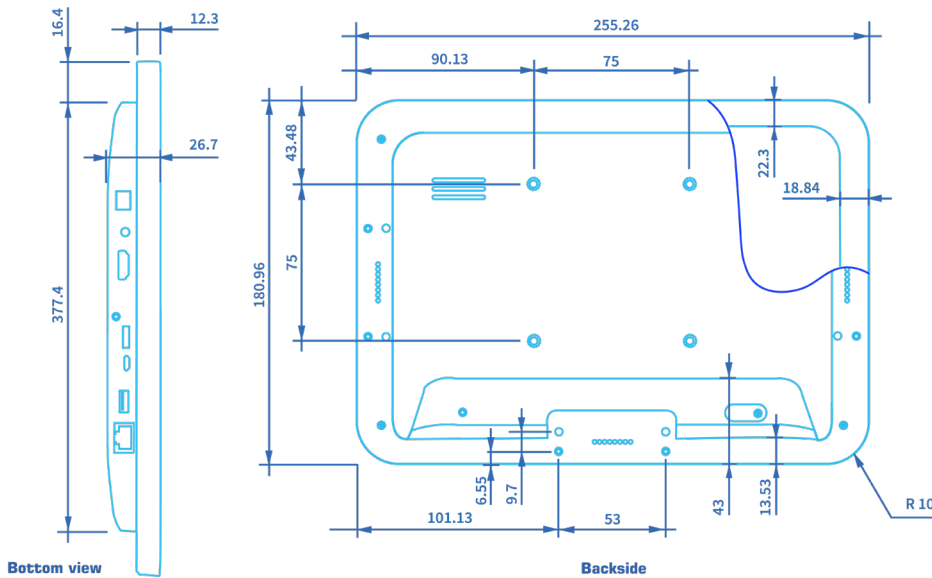


The APPC-10XPL comes with a new non-glare coating, contributing to a more comfortable viewing experience by reducing reflections, enhancing visibility and diminishing eye strain.

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Article code: 5010620

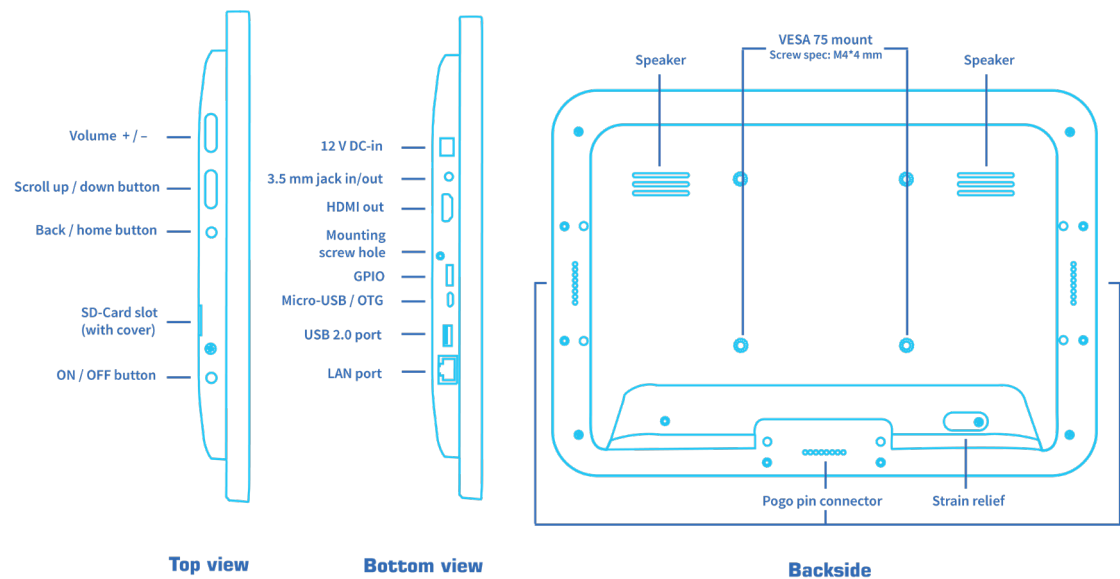
Technical Drawing



Sustainability

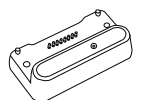
At ProDVX we are committed to doing our part when it comes to the environment. Our products are designed to have the lowest possible impact on the environment, from inception to product retirement. We also strive to operate our offices and warehouse in a carbon-neutral manner. Our aim is to lead the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

I/O Overview

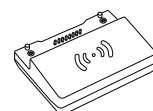


Optional Accessories

- GM-75_(8080850) VESA 75 compatible glass mount
- FM-10_(8080950) Flush mount for in-wall mounting
- MH-10_(8080960) Stainless steel housing for protection
- DS-15_(8010150) VESA 75/100 compatible desk stand
- WM-35_(8050350) VESA 75/100 compatible wall mount



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 |
| 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 | 1280x800xRGB@60Hz |
| Type | TFT LCD IPS |
| Size | 10.1 |
| Contrast | 800 to 1 |
| Viewing Angle | H160 / V160 |
| Colours | 8 bit LVDS (16.7M) 72%NTSC CIE1931 |
| Response time | 30 ms |
| Backlight | Edge-LED backlight |
| BLU | 500 cd/m2 |
| Cover glass | >6H - 1.55mm |
| Treatment | Non-glare |
| Haze | 2~8% |
| Touch type | 10 TP Pcap 10ms |

Frame

| | |
|----------|-----------------------|
| Size | 255,3 x 181 x 26,7 mm |
| Weight | 650 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, HDMI out |
| WiFi | 802.11 a/b/g/n/ac |
| 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 2.0 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 | 2 sided LED bar (RGB) |
| Operating hrs | 24h / 7d |
| MTBF | 50,000 hours demonstrated |
| Clock batt. | CR1220 Lithium metal, non rechargeable |
| Alternative OS | Debian 11 |
| Power input | 12 V / 2 A (EU, UK, US) |
| 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,Flushmount |
| 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 | MP4,MPG,MPEG2,MPEG4 |