

APPC-10SLBNW

(R23-7591)

Android Panel PC



Product Overview

The APPC-10SLBNW (R23-7591) 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 surround full RGB LED bar for efficient signalling, and an integrated NFC reader for NFC-enabled solutions. The APPC-10SLBNW (R23-7591) ensures superior performance and next-level user experience, and fits into any aesthetic with its white housing. 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-10SLBNW (R23-7591) 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-10SLBNW 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-10SLBNW, 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-10SLBNW is easy to install with its VESA mounting frame and Power over Ethernet+. You will be up and running in no-time.

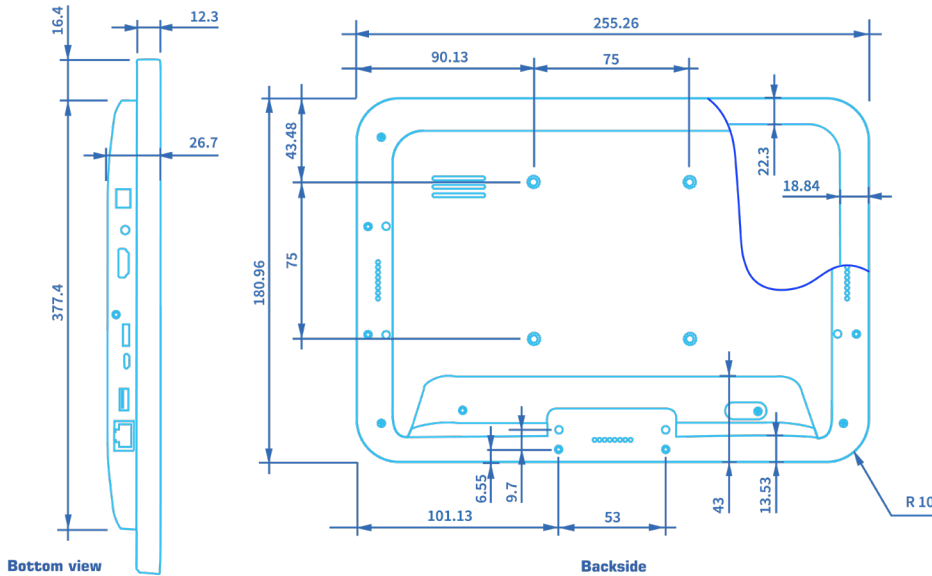


Enjoy state-of-the-art features, including our iconic full RGB surround LED bar for effective signalling, and an integrated NFC module for easy communication with other NFC-enabled devices.



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

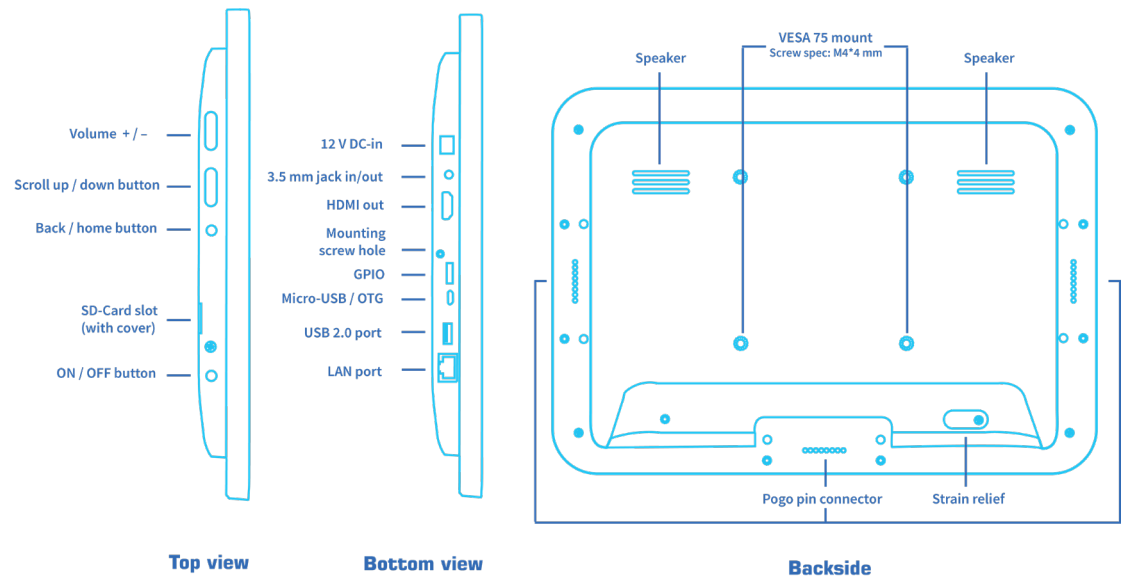
Technical Drawing



Sustainability

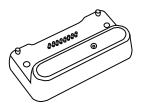
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I/O Overview



Optional Accessories

- GM-75_(8080850) VESA 75 compatible glass mount
- TS-10_(8085100) VESA 75 compatible table stand
- FM-10_(8080950) Flush mount for in-wall mounting
- DS-15_(8010150) VESA 75/100 compatible desk stand
- DS-75_(8075000) VESA 75 compatible desk stand



Camera
(9010200)



Barcode scanner
(9010300)

APPC-10SLBNW (R23-7591)

Article code: 5010515

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 | White |

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 | Integrated NFC reader (NXP PN553) |
| Camera | via PoGo & USB |
| Barcode scan | via PoGo & USB |
| LED | Surround LED Bar (full 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 | H.264,MOV,MPG,MPEG2,MPEG4 |