

APPC-10XPC

(R23-7241)

Android Panel PC



Product Overview

The APPC-10XPC (R23-7241) 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 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-10XPC (R23-7241) 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. In addition, the APPC-10XPC (R23-7241) features a 5MP internal camera for extra functionalities.



Powered by Android 12, the APPC-10XPC 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-10XPC, 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-10XPC is easy to install with its VESA mounting frame and Power over Ethernet+. You will be up and running in no-time.

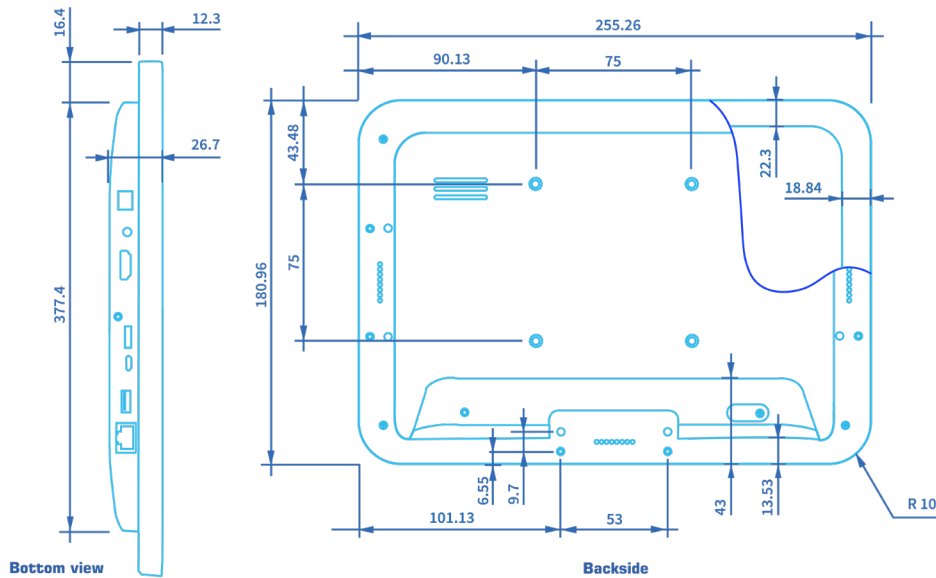


The APPC-10XPC features an internal 5MP camera, making it the perfect device for solutions where a camera is required.



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

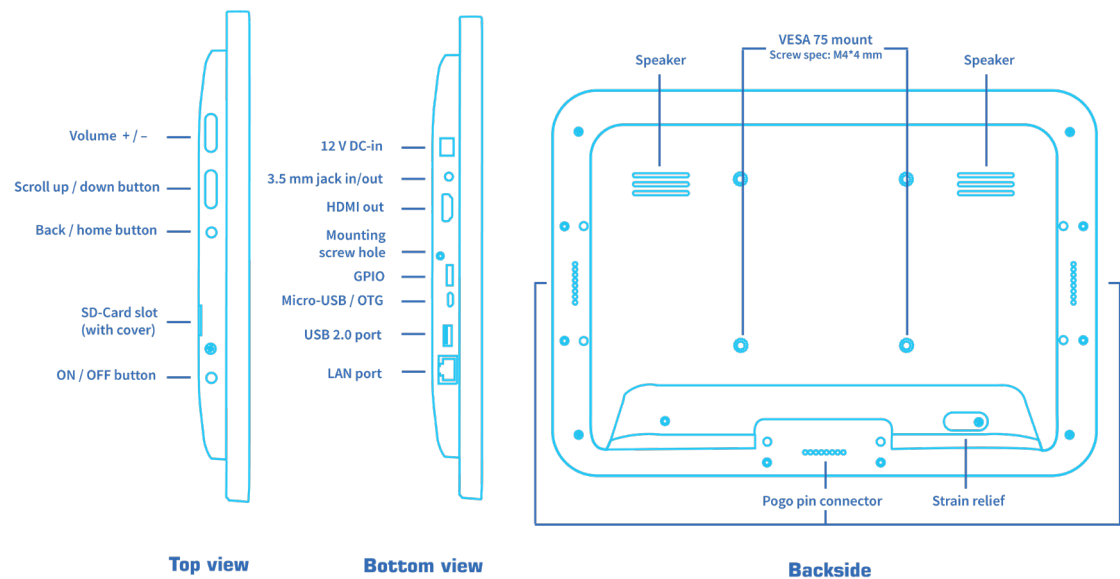
Technical Drawing



Sustainability

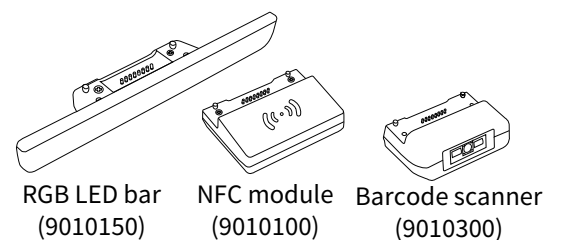
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I/O Overview



Optional Accessories

- GM-75_(8080850) VESA 75 compatible glass mount
- FM-10_(8080950) Flush mount for in-wall mounting
- DS-10_(8010100) VESA 75/100 compatible desk stand
- DS-30_(8010300) VESA 75/100 compatible desk stand
- DS-75_(8075000) VESA 75 compatible desk stand



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Article code: 5010602

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	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	5 M/P front camera
Barcode scan	via PoGo & USB
LED	via PoGo
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,MP4,MPG,MPEG2,MPEG4