PRO DVX | ALWAYS ON

APPC-10SLBN

(R23-7582)

Android Panel PC



Product Overview

The APPC-10SLBN (R23-7582) 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 RGB LED bar for efficient signalling, and an integrated NFC reader for NFC-enabled solutions. The APPC-10SLBN (R23-7582) 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-10SLBN (R23-7582) 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-10SLBN 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-10SLBN, 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-10SLBN is easy to install with its VESA mounting frame and Power over Ethernet+. You will be up and running in no-time.

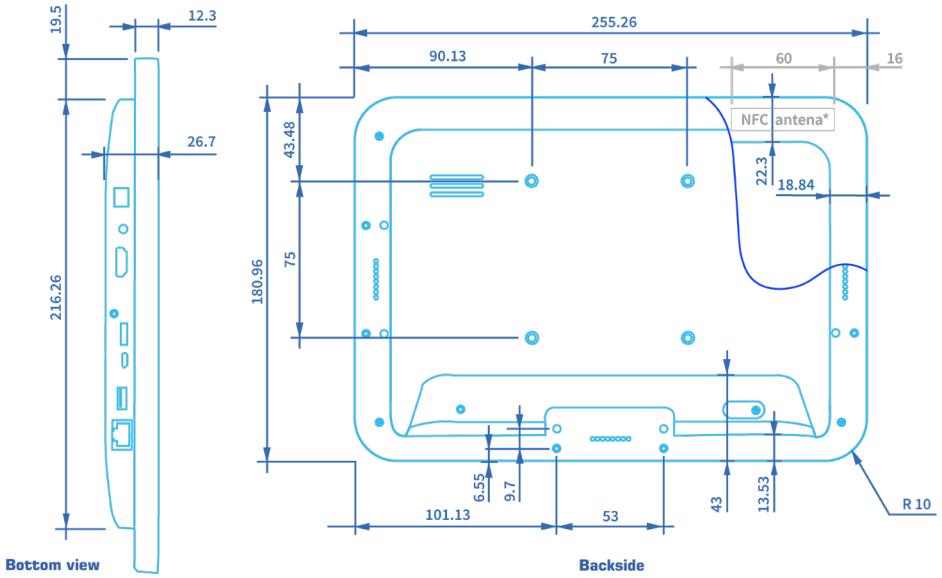
Enjoy state-of-the-art features, including our iconic RGB surround LED bar for effective signalling, and an integrated NFC module for easy communication with other NFC-enabled devices.

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

APPC-10SLBN (R23-7582)

Article code: 5010505

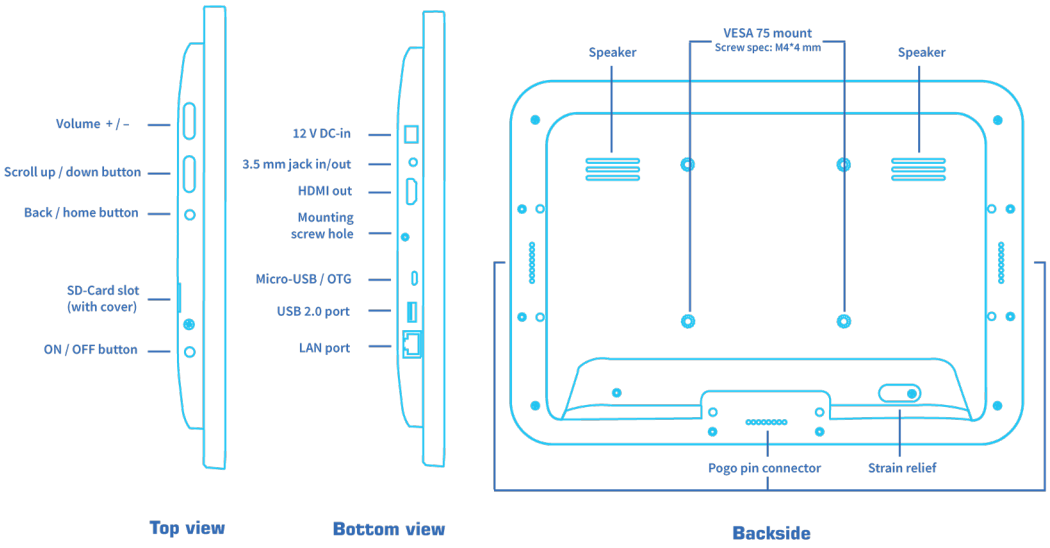
Technical Drawing



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
MH-10_(8080960) Stainless steel housing for protection
FM-10_(8080950) Flush mount for in-wall mounting
TS-10_(8085100) VESA 75 compatible table stand
DS-10_(8010100) VESA 75/100 compatible desk stand



Camera (9010200)



Barcode scanner (9010300)

* Compatible with all ProDVX VESA 100 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)
Operating System	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	N.A.
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 (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,Flushmount
SIM card slot	N.A.
Power usage	10 ~ 23 Watt
OSD language	Multi OSD language
Motion sensor	N.A.

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

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