APPC-10SLBe

(R24-7701)

Android Panel PC

Product Overview

The APPC-10SLBe (R24-7701) is a 10.1 inch Android Panel PC running Android 11 with GMS. It includes essential Google apps like Google Play Store, Chrome, YouTube, and more. With Google Play Store, you can remotely manage content and updates via an MDM tool. Zero Touch Deployment simplifies device configuration with your organization's policies. Google Play Protect ensures automatic security updates, enhancing security. The APPC-10SLBe (R24-7701) features a robust RK3399 CPU and 4GB RAM for multitasking. It accommodates multiple background apps while ensuring smooth front-end operation. Notable features include an RGB surround LED bar, non-glare coating, up to 500cd/m2 brightness, an internal NFC module, and Power over Ethernet+ connectivity. Additionally, it comes with a 5-year warranty, making it our most secure and high-performance device to date.

Powered by Android 11, and Google Mobile Services-certified, the APPC-10SLBe is designed for enterprise solutions. Large scale-deployments become a breeze with support for Zero Touch, NFC and ADB deployment.

Elevate your interactive experience with the APPC-10SLBe. Equipped with a Dual-core Cortex-A72 and Quad-core Cortex-A53 processor by Rockchip and 4GB of RAM, the APPC-10SLBe is features a high-performance processor ready for any application.

Your solution is always on with the APPC-10SLBe. Manufactured with high-quality components, the APPC-10SLBe is designed to operate 24/7. The APPC-10SLBe ensures your solution can keep running without interference, and is backed up by a 5-year warranty.

Enjoy state-of-the-art features, including our iconic full RGB surround LED bar with individually controllable LEDs for effective signalling, and an integrated NFC module for easy communication with other NFC-enabled devices.
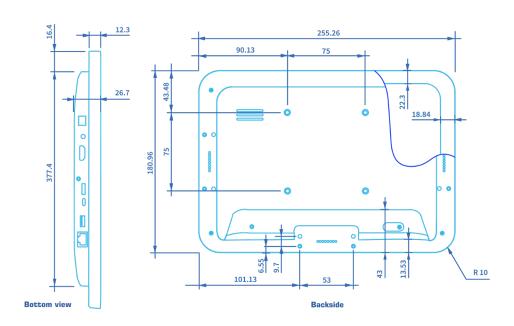
Enjoy a simplified installation process. The APPC-10SLBe is easy to install with its VESA mounting frame and Power over Ethernet+. You will be up and running in no-time.

Technical Drawing

Bottom view

Backside

- 16.4
- 12.3
- 26.7
- 377.4
- 255.26
- 90.13
- 75
- 43.48
- 75
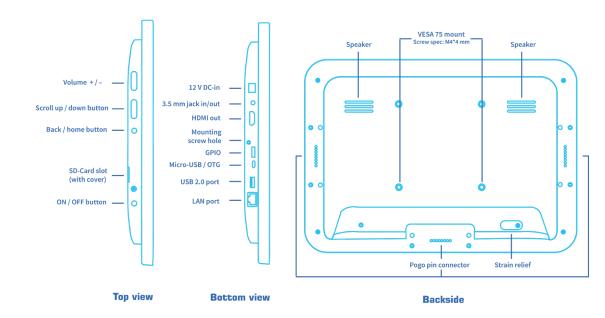- 180.96
- 22.3
- 18.84
- 6.55
- 9.7
- 101.13
- 53
- 43
- 13.53
- R 10

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

- Volume + / −
- Scroll up / down button
- Back / home button
- SD-Card slot (with cover)
- ON / OFF button

- 12 V DC-in
- 3.5 mm jack in/out
- HDMI out
- Mounting screw hole
- GPIO
- Micro-USB / OTG
- USB 2.0 port
- LAN port

Top view

Bottom view

- Speaker
- VESA 75 mount
  Screw spec: M4*4 mm
- Speaker
- Pogo pin connector
- Strain relief

Backside

Optional Accessories

GM-75_(8080850) VESA 75 compatible glass mount
PS-75_(8086100) VESA 75 compatible triangular stand
TS-10_(8085100) VESA 75 compatible table stand
FM-10_(8080950) Flush mount for in-wall mounting
DS-75_(8075000) VESA 75 compatible desk stand

Barcode scanner
(9010300)

* Compatible with all ProDVX VESA 75 stands, mounts & brackets.

Product Specifications

Certification:

UKCA,CE,FCC,RoHS,REACH

Performance

CPU model	RockChip RK3399
CPU type	Dual-core Cortex-A72,Quad-core Cortex-A53
CPU speed	A72 - 1.8GHz,A53 - 1.4GHz
GPU type	MALI T860MP4 / 3D Graphic Engine (4K)
GPU speed	up to 700MHz
RAM	4GB
RAM type	LPDDR4
Storage	16GB
Storage type	eMMC
External storage	SD-Card Slot (door)
OS	Android 11 with Google Mobile Services

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

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
Bluetooth	BT 4.2
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	No camera API
Barcode scan	via PoGo & USB
LED	Surround LED Bar (full RGB)
Operating hrs	24h / 7d
MTBF	45,000 hours demonstrated
Clock batt.	CR1220 Lithium metal, non rechargeable
Alternative OS	N.A.
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	5 years
Orientation	Landscape,Portrait,Table Mode,Flushmount
SIM card slot	N.A.
Power usage	10 ~ 20 Watt
OSD language	Multi OSD language

Frame

Size	255,3 x 181 x 26,7 mm
Weight	650 g
Material	ABS+PC (Macrolon)
VESA	VESA 75
Color	Black

Multimedia support

Image format	JPG,JPEG,PNG,BMP,GIF
Audio format	AAC,ASF,MP2,OGG,WAV,WMA
Video format	3GP,ASF,AVI,DAT,FLV,MKV,MOV,VOB,WMV,MP4,MPG,RM,TS