PRO DVX | ALWAYS ON

APPC-10S

(R25-7021)

Android Panel PC



Product Overview

The ProDVX APPC-10S is a high-performance 10.1” Android Panel PC designed to deliver seamless integration for any applications and versatile functionality across industries. Powered by the RockChip RK3568 Quad-core processor with Android 13, it offers exceptional speed, reliability, and compatibility. Its direct-bonded IPS touchscreen with 1280x800 resolution ensures crisp visuals and responsive touch, while features like PoE+, fanless cooling, and extensive connectivity options (USB, mini-HDMI, LAN) make it ideal for retail, hospitality, healthcare, and industrial use. Built for 24/7 operation with a proven MTBF of 50,000 hours, this compact yet durable device is customizable with VESA-compatible accessories to meet the unique demands of any application.

Powerful Performance: Quad-core Cortex-A55 CPU (RockChip RK3568) with Mali-G52 GPU, delivering up to 2.0GHz processing speed for smooth operation

Versatile Connectivity: Features 802.1X authentication, Power over Ethernet (PoE) support, and optional Bluetooth & WiFi via USB dongle

Crystal-Clear Display: Direct Bonded 10.1-inch screen with 1280x800 resolution, 450 cd/m^2 brightness, and 1000:1 contrast ratio, enhanced by an edge-LED backlight for vibrant visuals.

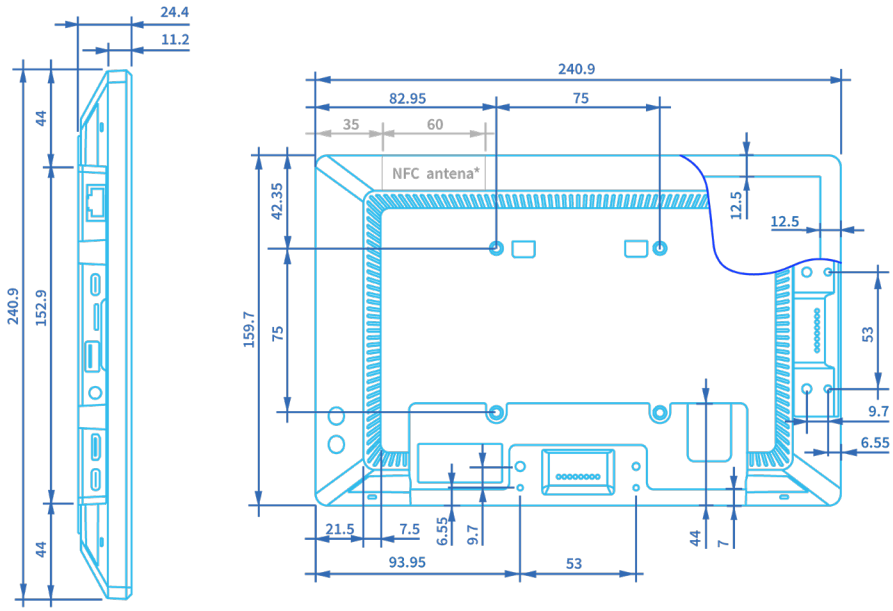
ProDVX Design: Fanless cooling system, ABS+PC (Macrolon) housing, and >6H hardness cover glass for durability in various environments

Flexible Mounting Options: VESA 75 mount compatibility, supporting landscape, portrait, and flushmount orientations for versatile installation

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Article code: 5010710

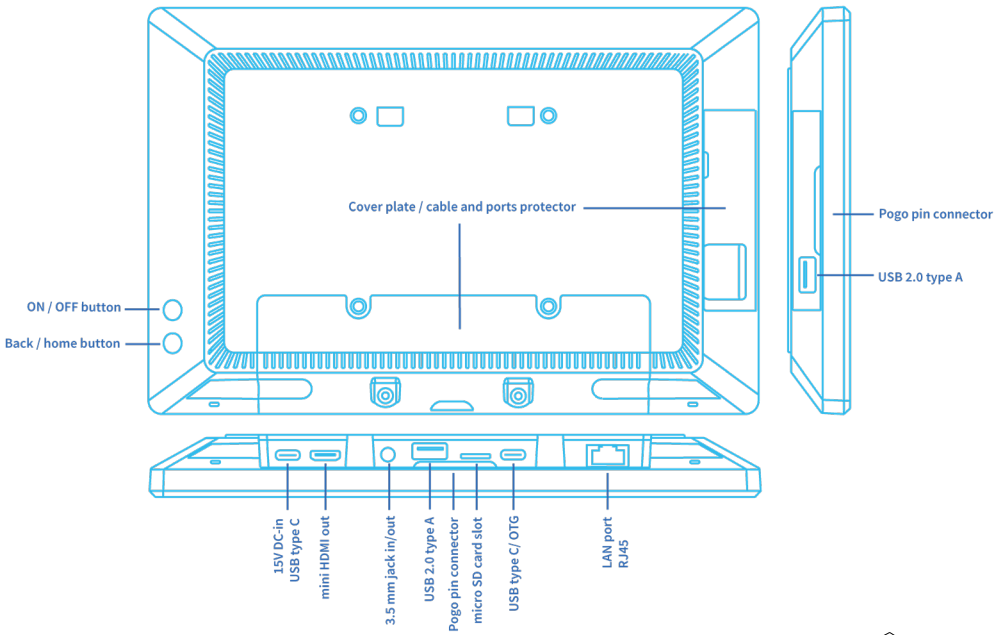
Technical Drawing



Sustainability

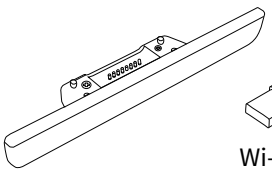
At ProDVX we are committed to doing our part when it comes to the environment. Our products are designed to have the lowest possible impact on the environment, from inception to product retirement. We also strive to operate our offices and warehouse in a carbon-neutral manner. Our aim is to lead the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

I/O Overview



Optional Accessories

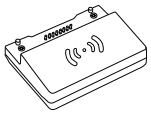
GM-75_(8080850) VESA 75 compatible glass mount
TS-10_(8085100) VESA 75 compatible table stand
DS-10_(8010100) VESA 75/100 compatible desk stand



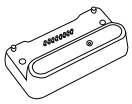
RGB LED bar (9010150)



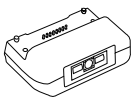
Wi-Fi & Bluetooth dongle (9010355)



NFC module (9010100)



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
Operating System	Android 13

Panel

LCD	1280x800xRGB@60Hz
Type	Direct bonded TFT LCD IPS
Size	10.1
Contrast	1000 to 1
Viewing Angle	H160 / V160
Colours	8 bit LVDS (16.7M) 72%NTSC CIE1931
Response time	25 ms
Backlight	Edge-LED backlight
BLU	450 cd/m2
Cover glass	>6H - 1.55mm
Treatment	Non-glare
Haze	2 ~ 8%
Touch type	10 TP Pcap 10ms

Frame

Size	240,9 x 159,7 x 24,4 mm
Weight	600 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, mini-HDMI out
WiFi	optional via USB dongle
Bluetooth	optional via USB dongle
LAN	10/100/1000 Mbps LAN
Audio internal	2 x 2 W
Audio external	3.5mm jack in/out
Microphone	Microphone array
USB ports	1x USB 2.0 type A
OTG	1x USB 3.0 type C
Other ports	1x USB 2.0 type A (door)
PoGo slots	2x (bottom/left)
NFC	via PoGo & USB
Camera	via PoGo & USB
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	N.A.
Power input	15 V / 2 A DC input
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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