

APPC-32SN

(R26-7281)

Android Panel PC



Product Overview

The APPC-32SN (R26-7281), equipped with an advanced Rockchip RK3576 processor and ARM Mali-G52-MC3 GPU, is designed to elevate performance to new heights. With 4GB of RAM and 32GB of storage, multitasking is a breeze. Operating on Android 15, it offers one of the most flexible and secure operating systems in the market. The APPC-32SN (R26-7281) features a maximum brightness of 250 cd/m2. Paired with a 10-point touch-enabled panel treated for non-glare, this Android Panel PC ensures an optimal user experience. Designed for interactive kiosks, the APPC-32SN (R26-7281) comes with a VESA100 mounting frame for easy installation. Its array of I/O ports ensures compatibility with a wide range of peripheral devices, making it a versatile solution for your needs.



32-inch Full HD non-glare touchscreen. Provides a large, clear interface with fewer distracting reflections and responsive 10-point touch.



Slim 31.3 mm design. Allows the display to be integrated neatly into kiosks, walls and other professional installations.



Integrated NFC reader . Enables identification and interaction using compatible NFC cards, tags or devices, without requiring a separate external reader.

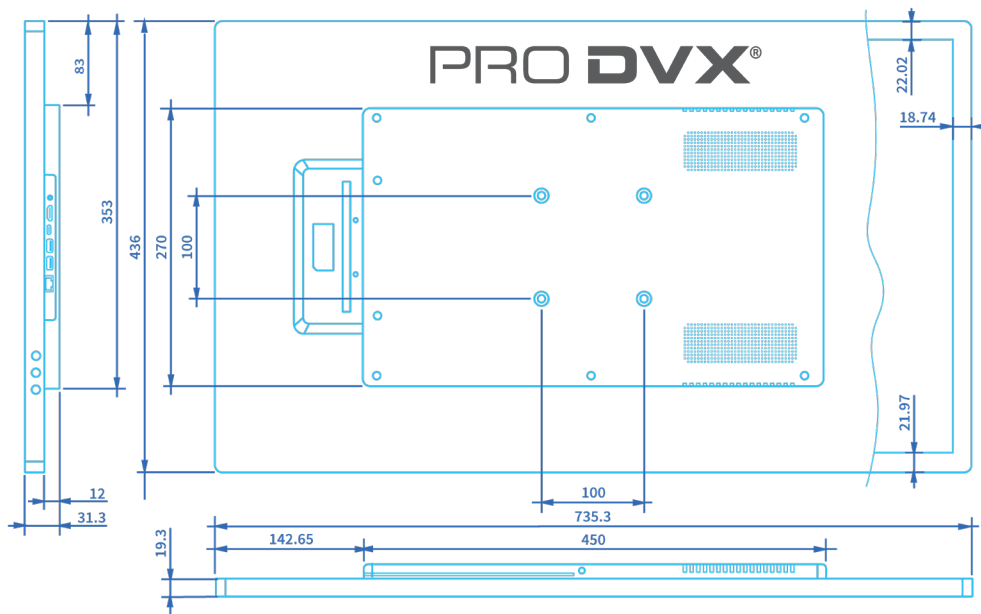


Android 15 with Rockchip RK3576, 4GB RAM and 64GB storage. Supports smooth application performance and multitasking.



PoE++, Gigabit LAN and Wi-Fi connectivity. Offers flexible installation and network connectivity for different professional setups.

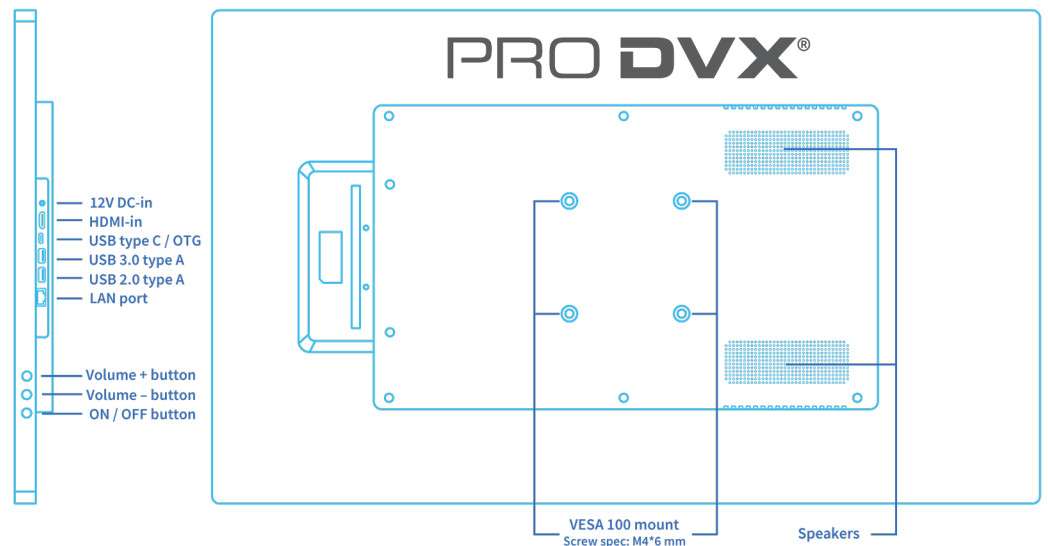
Technical Drawing



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-175_(8080865) VESA 75/100 compatible glass mount

WM-35_(8050350) VESA 75/100 compatible wall mount

Product Specifications

Certification:
UKCA,CE,FCC,RoHS,REACH

Performance

CPU model	RockChip RK3576
CPU type	Quad-core Cortex-A53,Quad-core Cortex-A72
CPU speed	A72 - up to 2.2GHz,A53 - up to 1.8GHz
GPU type	ARM Mali-G52-MC3
GPU speed	up to 1GHz
RAM	4GB
RAM type	LPDDR4
Storage	64GB
Storage type	eMMC
External storage	N.A.
Operating System	Android 15

Special

PoE	IEEE 802.3bt Type 3 (PoE++)
IEEE 802.1x	WiFi, PEAP/TLS/TTLS
Cooling	Fanless
HDMI-in	Yes, HDMI in
HDMI-out	N.A.
WiFi	802.11 a/b/g/n/ac
Bluetooth	BT 5.3
LAN	10/100/1000 Mbps LAN
Audio internal	2 x 5 W
Audio external	N.A.
Microphone	Microphone array
USB ports	1x USB 2.0 type A,1x USB 3.0 type A
OTG	1x USB 3.0 type C
Other ports	N.A.
PoGo slots	N.A.
NFC	Integrated NFC reader (NXP PN7160)
Camera	via USB
Barcode scan	via USB
LED	N.A.
Operating hrs	24h / 7d
MTBF	35,000 hours demonstrated
Clock batt.	CR2032 Lithium metal, non rechargeable
Alternative OS	N.A.
Power input	12V / 5A 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
SIM card slot	N.A.
Power usage	15 ~ 40 Watt
OSD language	Multi OSD language
Motion sensor	N.A.

Panel

LCD	1920x1080xRGB@60Hz
Type	TFT LCD IPS
Size	32
Contrast	1000 to 1
Viewing Angle	H178 / V178
Colours	8 bit LVDS (16.7M) 72%NTSC CIE1931
Response time	8 ms
Backlight	Edge-LED backlight
BLU	250 cd/m2
Cover glass	>6H - 1.55mm
Treatment	Non-glare
Haze	2 ~ 8%
Touch type	10 TP Pcap 10ms

Frame

Size	753.3 x 436 x 31.3 mm
Weight	7.7 kg
Material	ABS+PC (Macrolon)
VESA	VESA 100
Color	Black

Multimedia support

Image format	JPG,JPEG,PNG,BMP,GIF
Audio format	AAC,ASF,MP2,OGG,WAV,WMA,MP3
Video format	H.264,MP4,MPG,MPEG2,MPEG4,H.265,support up to 8K@30fps

Transmission
bands and power

Bluetooth 5.3
Frequency Band: 2402 MHz ~ 2480 MHz
Transmission power:
BDR (1 Mbps class1): 6dBm
EDR (2/3 Mbps class1): 4dBm
BLE LE (1 Mbps): 5 dBm

Wi-Fi
2.4GHz (IEEE 802.11b/g/n & Wi-Fi compliant).
Operating frequency range: 2.400~2.4835 GHz
Transmission power (Maximum Input Level):
802.11b (1/2/5.5/11 Mbps): ~17 dBm
802.11g (OFDM): ~15-16dBm
802.11n (20 MHz): ~14-17dBm
5GHz (IEEE 802.11a/n/ac & Wi-Fi compliant).
Operating frequency range:
5.15~5.35GHz, 5.47~5.725GHz, 5.725~5.85GHz
Transmission power:
802.11a/64-QAM (R=3/4): ~15dBm +/-2bBm
802.11n/64-QAM (20 MHz): ~14dBm +/-2bBm
802.11ac/256-QAM (R=3/4): ~12dBm +/-2bBm
802.11ac/256-QAM (R=5/6): ~10.5dBm +/-2bBm