

UW-28

(R24-5001)

Android Ultra Wide



Product Overview

The ProDVX UW-28 (R24-5001) is an all-in-one Android SOC UltraWide Stretch Display. The ProDVX UW-28 (R24-5001) comes with Android 12. This device can be connected through RJ45 LAN, WiFi and Bluetooth. This 28 all-in-one Android SOC UltraWide Signage Stretch Display comes with a special mounting plate and has metal housing.



16:3 aspect ratio, 1920 x 360 resolution, and 700 cd/m² brightness deliver sharp and vibrant visuals, even in bright environments, with a non-glare finish for readability.



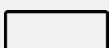
Designed for continuous professional performance with 24/7 operation hours, a fanless cooling system, and 45,000-hour MTBF, ensuring long-term durability.



Powered by the RK3568 Quad-core Cortex-A55 CPU and Mali-G52 GPU, running on Android 12, with 4GB LPDDR4 SDRAM and 16GB eMMC storage, expandable via SD card.

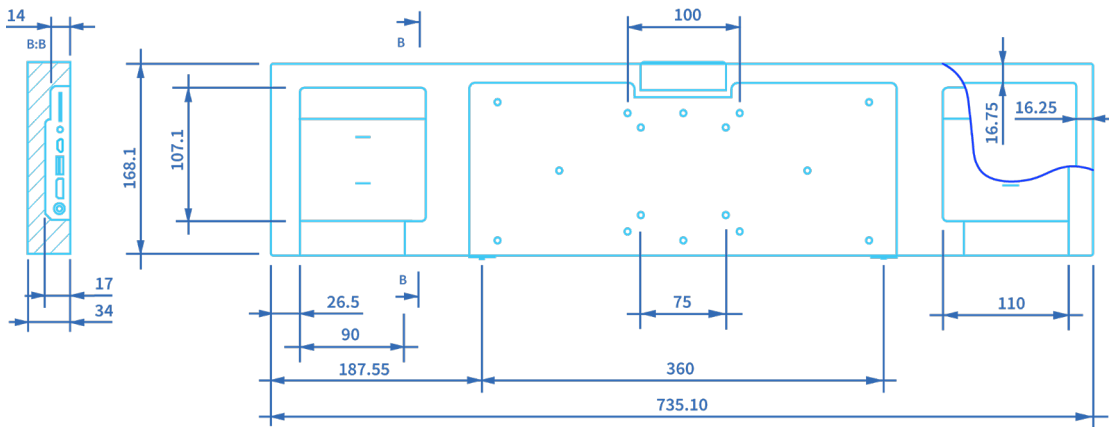


Equipped with HDMI out, RJ45 LAN, Wi-Fi, Bluetooth 4.2, 3x USB 2.0, and a 3.5mm audio jack, providing flexibility for peripherals and network integration.



Durable metal housing with a modern profile (735.1 x 168.1 x 33 mm) and landscape/portrait orientation support, making it ideal for digital signage and other professional applications.

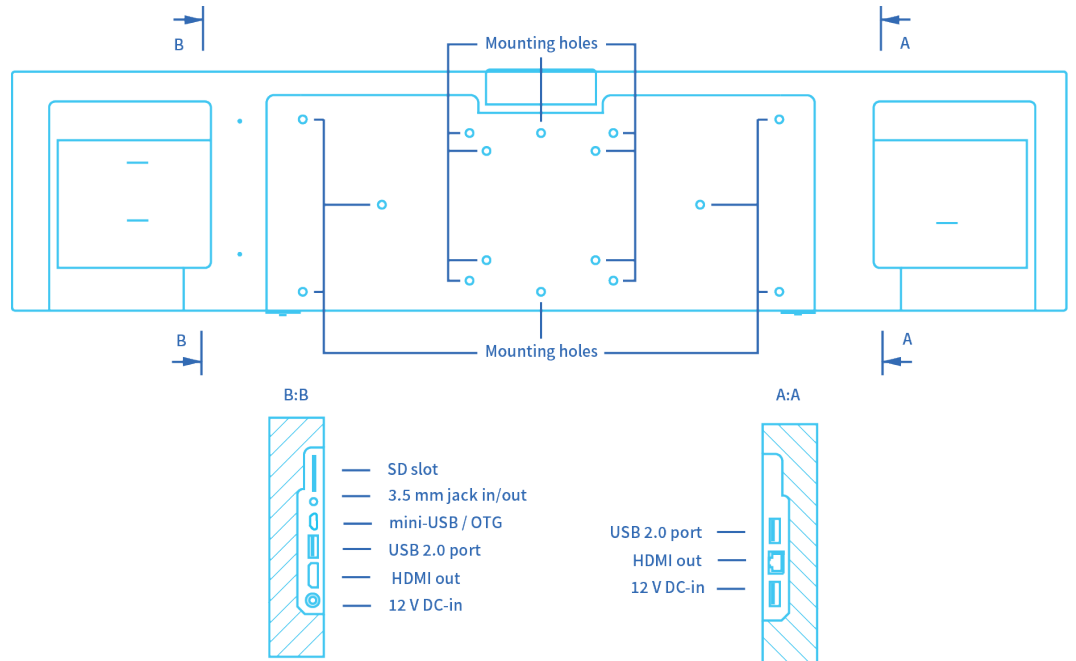
Technical Drawing



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

Please contact your account manager for accessories

UW-28 (R24-5001)

Article code: 5528105

Product Specifications

Certification:

FCC,CE,RoHS

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 12

Special

PoE	N.A.
IEEE 802.1x	WiFi, PEAP/TLS/TTLS
Cooling	Fanless
HDMI-in	N.A.
HDMI-out	Yes, HDMI out
WiFi	802.11 b/g/n
Bluetooth	BT 4.2
LAN	10/100/1000 Mbps, RJ45
Audio internal	via USB & 3.5mm jack
Audio external	3.5mm jack in/out
Microphone	via USB & 3.5mm jack
USB ports	3x USB 2.0 type A
OTG	1x USB 2.0 type mini
Other ports	N.A.
PoGo slots	N.A.
NFC	N.A.
Camera	via USB
Barcode scan	via USB
LED	N.A.
Operating hrs	24h / 7d
MTBF	45,000 hours demonstrated
Clock batt.	CR2032 Lithium metal, non rechargeable
Alternative OS	no additional available
Power input	12 V / 4 A
Operating temp	0 ~ 40 degrees C
Storage temp	-10~55 degrees C
Humidity	10 ~ 90 % non-condensing
Warranty	2 years
Orientation	Landscape,Portrait
SIM card slot	N.A.
Power usage	11 ~ 19 Watt
OSD language	Multi OSD language
Motion sensor	N.A.

Panel

LCD	1920x360xRGB@60Hz
Type	TFT LCD IPS
Size	28
Contrast	1200 to 1
Viewing Angle	H178 / V178
Colours	8 bit LVDS (16.7M) 72%NTSC CIE1931
Response time	30 ms
Backlight	Edge-LED backlight
BLU	700 cd/m2
Cover glass	
Treatment	Non-glare
Haze	10 %
Touch type	N.A.

Frame

Size	735,1 x 168,1 x 33 mm
Weight	4550 g
Material	Metal
VESA	VESA unique pattern
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