

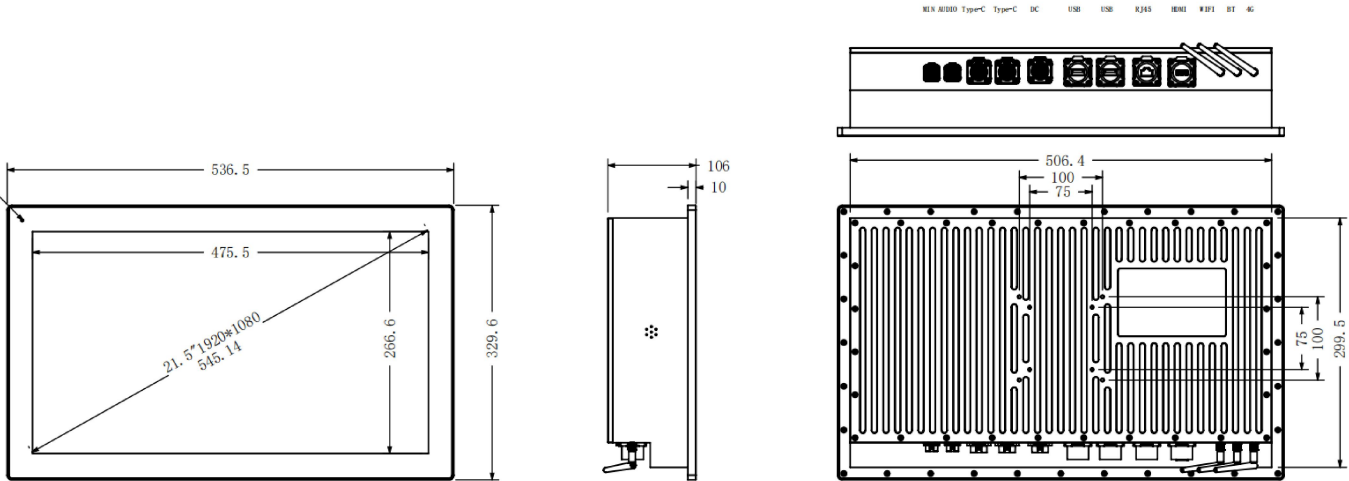
Features:

1. Aluminum alloy face frame and heat sink are sandblasted and oxidized, UV-resistant and anti-discoloration, Full IP65 waterproof
2. Industrial-grade LCD screen, full viewing angle, 1000 brightness sunlight readable, automatic light sensor to adjust brightness
3. 10-point capacitive touch screen, the protective layer is 2mm tempered glass (chemically strengthened), and the hardness reaches 7H
4. EETI touch control solution, touch well when water drop on the touch screen
5. Optical bonding between LCD and touch screen
6. Built-in 70000mAh battery, which can work continuously for more than 12 hours
7. The opening design on the heat sink can be installed and replaced with a SIM card
8. Two Type-C waterproof interfaces
9. Front 8MP/4K camera
10. Adopting industrial-grade components, 7x24 hours of work, supporting wide temperature operation -20-70°C
11. The front frame and the back shell are sealed with waterproof tape, and the machine can be disassembled for inspection and repair without affecting the waterproof performance

Model:SC215W

PC	
CPU	RK3588, Cortex-A76+Cortex-A55 octa-core 64-bit 2.4GHz
GPU	Mali-G610 MC4
NPU	6TOPS AI computing power, triple-core architecture, support int4/int8/int16/FP16/BF16/TF32
Memory	2G/4G /8G Optional
Storage	eMMC 16G/32G/64G/128G Optional
Vedio	Support H.265/H.264/AV1/VP9/AVS2 video decoding, up to 8K@60FPS; support H.264/H.265 video encoding, up to 8K@30FPS
Display	Supports multiple displays, up to 8K@60FPS; supports EDP/DP/HDMI2.1/MIPI multiple display interfaces*
Video input	Supports multi-camera input (4*4lanes or 4*2lanes+2*4lanes) MIPI CSI-2 and DVP interfaces; 32MP ISP, supports HDR and 3DNR; supports HDMI2.0 input, up to 4K@60FPS
Network	2 port 10/100/1000M Adaptive Ethernet RJ45 connector + 4-Pin POE header
Operation System	Android 12
Play Modes	Support timing, loop and spots etc. play modes
Wireless Network Support	WIFI, 3G, 4G, TD-LTE, GPS optional

Image Format	JPG/BMP/GIF/TIFF/PNG
Video Format	RMVB,FLV,MPEG1/2/4, AVI, WMV, MOV, MP4, TS etc.
Camera	Build in Camera 8MP/4K
Battery	Build in battery 70000mAh
RTC Real Time Clock	YES
I/O	
USB	2x IP65 USB3.0 (1x HOST, 1x OTG) 2x IP65 Type-C
LAN	1x IP65 RJ45
Audio	1x IP65 AUDIO 1x IP65 Speaker 1x IP65 MIC Input
Video Outputs	1x IP65 HDMI
Power input	1x IP65 Battery charging port
Other	1*IP65 WIFI antenna jack male 1*IP65 BT antenna jack male 1*IP65 4G antenna jack male 1*IP65 Power on/off button
LCD panel	
Panel size	21.5"
Display active area	344.232(W)x193.536(H) mm / 13.552x7.62 in
Resolution	1920*1080
Aspect ratio	16:9
Support Color	16.7M colors
Brightness (cd/m ²)	1000 nits, sunlight readable
Brightness control	PWM software adjustment
Contrast ratio	800:1
View angle	85°/85°/85°/85° (R/L/U/D)
Backlight	WLED, 50K hours
Touch panel	
Touchscreen Type	10 point capacitive touch
Surface hardness	7H
Touch response time	<5ms
Surface treatment	Anti glare (chemical etching)
Luminousness	≥80%
Touch controller IC	EETI 81
Available touch drivers	Windows, Linux, Android, Mac, etc
Touch bonding	Air bonding (Optical bonding optional)
Touch options	5 wire resistive touch, non touch, IR touch optional
Power Supply	
Working voltage	DC 12V (9-36V DC Optional)
Power consumption	40W
Power adapter	AC 100 ~ 240V input and DC +12V@5A MAX output, 60W

Enclosure	
Material	Aluminum alloy panel, heat sink plate + galvanized cold-rolled plate back shell
Finish	Aluminum frame, aluminum heat sink: sandblasting oxidation, anti-UV and anti-discoloration treatment Rear shell: electrostatic powder spraying
Color	Black, other color optional
Mounting	VESA mount 75x75/100x100mm
IP grade	Full IP65 waterproof
Cooling system	Passive - Fanless
Operating Environment	
Temperature Range	Operating: -20 °C ~ 70°C (-4°F ~158°F) Storage: -30 °C~80°C (-22°F ~176°F)
Relative humidity	Up to 100% at all relevant temperatures, non-condensing
Vibration	GB/T 2423.10-2019
Shock	GB2423.5
EMC	Class B
Packing Details	
Net weight	Net weight 13.2kg
Product Dimension	536.5×2329.6×106mm
Packing info	1pc/ctn 73×48×20cm 17kg 2pcs/ctn 75×49×42cm 35kg
Accessories	Power supply, Power plug, waterproof network cable, waterproof USB cable, waterproof HDMI cable, Antenna
Other	
Warranty	1 year warranty
Certificate	CE, FCC, RoHS
Product Dimension	
 The image contains three technical drawings of the enclosure: Front View: A rectangular enclosure with a width of 536.5 mm and a height of 329.6 mm. It features a VESA mounting bracket on the top-left corner. The internal display area is 475.5 mm wide and 266.6 mm high. A diagonal dimension of 545.14 mm is shown for the display area, with a note '21.5" 1920*1080'. Side View: Shows the enclosure's profile with a total thickness of 106 mm and a mounting bracket offset of 10 mm. Rear View: Shows the back of the enclosure with a width of 506.4 mm and a height of 299.5 mm. It includes a VESA mounting bracket on the top-right corner. The internal components are visible, including a large heat sink and various ports (HDMI, USB, RJ45, etc.) along the bottom edge.	