



Features:

1. Aluminum alloy frame with sandblasting oxidation process, anti-UV and anti-discoloration treatment, front IP65 waterproof
2. Industrial-grade LCD screen, visible in sunlight at 1000 brightness, automatic light sensor to adjust brightness
3. 10-point capacitive touch screen, protective layer is 2mm tempered glass (chemically strengthened), hardness reaches 7H, surface AG anti-glare treatment
4. EETI touch control solution, normal touch when there are water droplets on the touch screen
5. The touch screen and LCD screen are bonded using a full bonding process
6. Adopting industrial-grade components, 7x24 hours of work, supporting wide temperature operation -20-70℃

Model:SC173A

PC

CPU	RK3588, Octa-core(8 Cores) 64-bit big and small core architecture, quad-core Cortex-A76 + quad-core Cortex-A55, built on high-end 8nm process, maximum main frequency 2.4GHz.
GPU	ARM Mali-G610 MC4, supports OpenGL ES 1.1/2.0/3.1/3.2, OpenCL 1.1,1.2,2.0, Vulkan 1.1,1.2, Embedded high-performance 2D graphics acceleration module
NPU	6TOPS AI computing power, triple-core architecture, support int4/int8/int16/FP16/BF16/TF32
Memory	2G/4G /8G/16G/32G 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 optional
RTC Real Time Clock	YES
I/O	
USB	2x USB3.0 (1x HOST, 1x OTG)
LAN	2x RJ45
COM	2x RS232
Video Outputs	1x HDMI
Audio	1x 3.5mm Line-out/MIC
Other	1x TF Card slot, 1x SIM Card slot
LCD panel	
Panel size	17.3"
Display active area	381.888(W)x214.812(H) mm / 15.035x8.457 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	1000:1
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
Power consumption	25W
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 75/100
IP grade	Front 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 90% at all relevant temperatures, non-condensing
Vibration	GB/T 2423.10-2019
Shock	GB2423.5
EMC	Class B
Packing Details	
Net weight	Net weight 4.98kg
Product Dimension	409×290×60mm
Packing info	1pc/ctn 65×46×17cm 7kg 1pcs/ctn 68×48×33cm 14.5kg
Accessories	Power plug, Power supply, Embedded screws, Antenna
Other	
Warranty	1 year warranty
Certificate	CE, FCC, RoHS

