


Features:

1. Front aluminum alloy bezel with sandblasting+hard anodizing, UV-protection and Anti-discoloration treatment , front IP67 waterproof and dustproof.
2. 10-point capacitive touch screen, protective layer is 2mm tempered glass (chemically strengthened), hardness reaches 7H
3. Global 4G communication, HID fingerprint recognition, dual-frequency RFID, 200W pixel front camera
4. Adopt industrial-grade components, 7x24 hours working, support wide temperature working -20-70℃
- 5.The Panel PC is built with industrial-grade components, 7x24 continuous operation, wide temperature operation - 20 °C ~ 70°C (-4°F ~158°F).

Model: SC07A
PC

CPU	RK3568, quad-core 64-bit Cortex-A55, up to 2.0GHz
Memory	EMMC 4G (2G/8G Optional)
Storage	64GB EMMC (32G/16G/128G Optional)
Graphics	Mali-G52 2EE
Audio	Support left and right channel output
Display	Supports EDP/HDMI2.0/LVDS/ Vby1
Multimedia	Supports 4K 60fps H.265/H.264/VP9 1080P 100fps H.265/H.264
Network	1xRJ45, 1000Madaptive ethernet
Wireless	WIFI + Bluetooth 4.0, 4G optional
RTC	Support
Preinstalled OS	Android 11
Built in RFID	Dual Frequency RFID 13.56 Mhz Mifare and 125 Khz EM
Built in Fingerprint	HID fingerprint recognition
Built in Camera	2MP front camera

I/O Interfaces

USB	2x USB (1x HOST, 1x OTG)
COM	1x RS232
LAN	1x RJ45
Video Outputs	1x HDMI
Audio	1x 3.5mm Line-out
Power input	1x 12V DC jack
Other	1x TF Card slot, 1x SIM Card slot

LCD panel

Screen diagonal	7"
Display active area	157.21(W)x89.49(H) mm / 6.189x3.523 in
Resolution	1024*600
Aspect ratio	16:9
Brightness (cd/m ²)	500 nits (1000 nits sunlight readable optional)
Brightness control	PWM software for adjusting
Contrast ratio	800:1

View angle	80°/80°/65°/70° (R/L/U/D)
Support color	16.7M
Backlight	WLED, 50K hours

Touch panel	
Touchscreen Type	10 point capacitive touch
Surface Hardness	7H
Surface treatment	N/A
Luminousness	≥90%
Touch controller IC	ILITEK2510
Touch response time	<2ms
Touch bonding	Air Bonding
Power Supply	
Working voltage	12V DC (9~36V DC Optional)
Power consumption	10W
Power adapter	AC 100 ~ 240V input and DC +12V@3.33A MAX output, 40W
Enclosure	
Material	Aluminium alloy bezel+ Zinc Plating cold rolled steel rear housing
Finish	Front bezel: Sandblasting+Hard Anodizing, UV-protection and Anti-discoloration treatment Rear housing: powder coated
Color	Black, Silver, White others Optional
Mounting	VESA mount 75*75mm, Panel mount
IP rating	Front panel IP65
Cooling system	Passive - Fanless
Design	3mm bezel design(Open frame design optional)
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	
Product weight	Net weight 2kg
Product dimension	194.1x129.6x47.5mm
Packing info	1pcs/ctn 36×32×11cm 3.5kg 5pcs/ctn 53×36×33cm 18kg
Accessories	Power adapter, US/EU/UK power plug, embedded screws, antenna
Other	
Warranty	1 year warranty
Certificates	CE, FCC, RoHS
Product Dimension	

