


Features:

1. The front frame and back shell are made of stainless steel 304, the aluminum alloy heat sink plate is sandblasted and oxidized, and the fin design maximizes heat dissipation. It is anti-UV and anti-discoloration. Full IP67 waterproof.
2. The front frame and back shell are sealed with waterproof tape. Disassemble the machine for inspection and maintenance without affecting the waterproof performance
3. Industrial-grade LCD screen, full viewing angle, 1000 brightness visible under sunlight, PWM software to adjust brightness
4. 10-point capacitive touch screen, EETI touch control solution, normal touch when there are water droplets on the touch screen
5. Optical bonding
6. Use industrial-grade components, work 24/7, and support wide temperature operation -20-70°C

Model:SC185W
PC

CPU	Intel® Core I5-8279U, 4 Cores, 8 Threads, Base 2.4 Ghz, Turbo 4.1 GHz, Fanless
Memory	16G DDR4 (Max 32GB)
Hard Drive Capacity	256G SSD
Hard Drive Optional	SSD: 128GB, 512GB, 1TB
	HDD: 500GB, 1TB, 2TB
Graphics	Onboard integrated intel Iris(R)Plus Graphics 655 high-definition display core
Audio	Realtek ALC269 HD
Network	2×Realtek 8111GR, Gigabit Ethernet
Wireless Network	WIFI, Bluetooth, 4G Optional
Preinstalled OS	Windows 10 Pro 64bit
Operation System	Support Windows 10/11, Linux, Ubuntu, Debian, etc.

I/O waterproof connectors

USB	4×IP67 USB2.0
LAN	2×IP67 RJ45
Video Outputs	1×IP67 HDMI
COM	2×IP67 RS232
Power input	1×IP67 12V DC
Other	1× IP67 Power on/off button

LCD panel

Panel size	18.5"
Display active area	408.96(W)x230.04(H) mm / 16.1x9.057 in
Resolution	1920*1080
Aspect ratio	16:9
Support Color	16.7M colors
Brightness (cd/m ²)	1000 nits, sunlight readable

Brightness control	PWM adjustment
Contrast ratio	1000:1
View angle	85°/85°/85°/85° (R/L/U/D)
Backlight	WLED, 50K hours
Touch panel	
Touchscreen Type	10 Points capacitive touch
Surface hardness	7H
Surface treatment	N/A
Luminousness	≥85%
Touch controller IC	EETI 80
Available touch	Windows, Linux, Android, Mac, etc
Touch bonding	Optical bonding
Touch optional	Resistive touch, non touch, IR touch Optional
Power Supply	
Working voltage	DC 12V
Power consumption	50W
Power adapter	AC 100 ~ 240V input and DC +12V@8A MAX output, 96W
Enclosure	
Material	Stainless steel 304+Aluminum alloy heat sink plate
Finish	Front and back case: Surface wire drawing Aluminum heat sink: sandblasted oxidation, anti-UV and anti-discoloration treatment
Color	Silver
Mounting	VESA mount 100/200
IP grade	Full IP67 waterproof
Cooling system	Passive - Fanless
Operating Environment	
Temperature Range	Operating: -20 to 70°C, storage: -30 to 80°C
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	
Product weight	Net weight 8kg Gross weight 11kg
Product Dimension	480×300.6×58.4mm
Packing info	1pcs/ctn 64×17×45cm 11kg 2pcs/ctn 64×32×45cm 23kg
Accessories	Waterproof adapter*1, waterproof USB cable*4, waterproof serial cable*2, waterproof network cable*2, waterproof HDMI cable*1, Power plug
Other	
Warranty	1 year warranty
Certificate	CE, FCC, RoHS
Drawing	

