

## 15.6" Full Plane Capacitive Screen Aluminum Alloy Fanless Industrial Panel PC

Key features:

- Support intel Celeron/Core i3, i5, i7 CPU, DDR3/4 memory, mSATA, M.2, 2.5 inch SATA hard drive
- Screen 15.6" resolution 1920x1080, aluminum alloy front panel IP65 waterproof, optional capacitive touch screen or resistive touch screen
- Support power-on and power-on, built-in double horns, high and low temperature resistance (-20°C to 60°C) uninterrupted and stable operation, with grounding terminals
- It can be expanded to 6 COM ports, supports HDMI or VGA screen expansion display, and can choose anti-vibration buffer waterproof adhesive strip
- 1 Gigabit LAN port (optional dual network port, WIFI Bluetooth or 4G module, optional addition of 9-36V wide voltage module).
- The aluminum alloy of the chassis is sturdy and beautiful, the aluminum fin fanless heat dissipation is more efficient, and it supports embedded/VESA bracket and other installation methods



### Product Introduction

SCP-K156WR/WZ aluminum alloy industrial panel PC is equipped with intel Celeron/Core processor, data storage supports mSATA, M.2, 2.5-inch SATA, rich USB, LAN and other interfaces, expandable COM port, WIFI Bluetooth or 4G module, optional 9-36V wide voltage for use in the environment where the voltage is unstable, the optional anti-vibration buffer waterproof adhesive strip can better prevent moisture from penetrating into the box, which has been widely used in the industrial field and embedded equipment, and is also equipped with HDMI or VGA video output for extended display, supporting Windows and Linux systems.

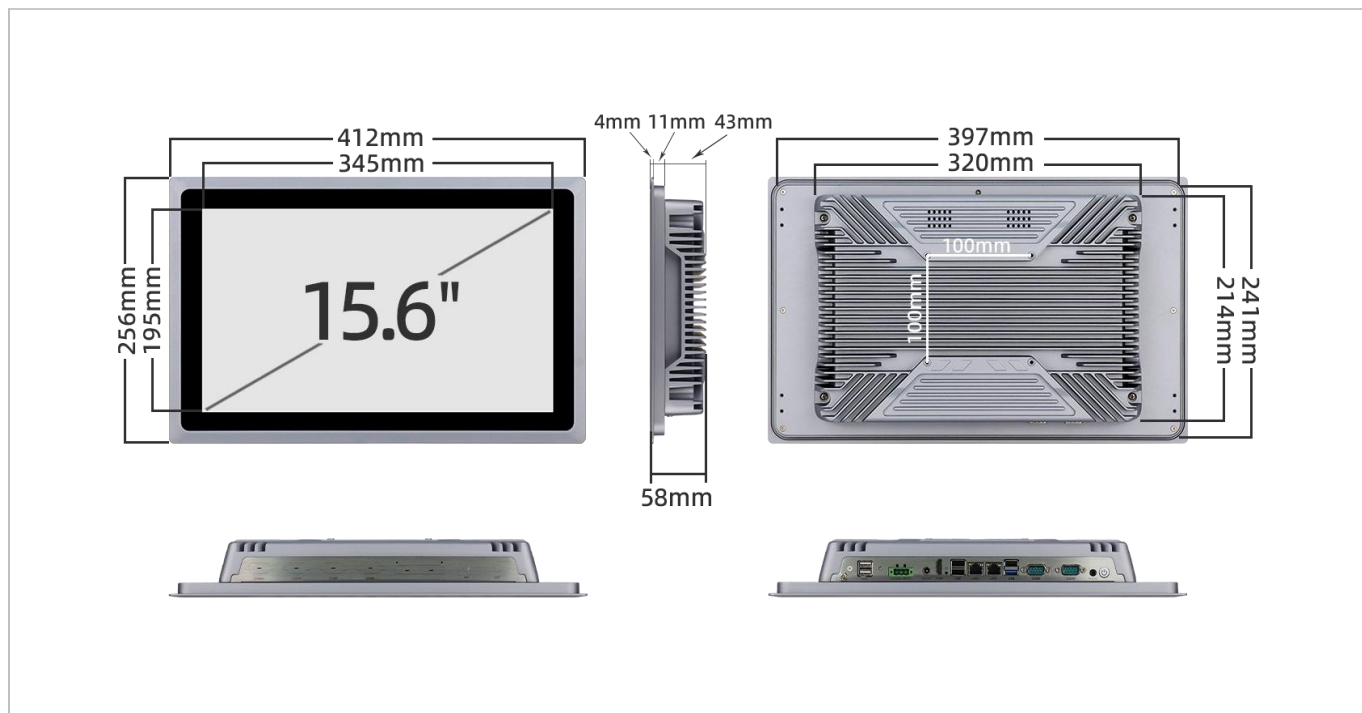
It supports a wide temperature range (-20°C to 60°C) and a fully enclosed aluminum fin fanless design to ensure more efficient heat dissipation and strong vibration resistance, making it a more reliable industrial platform and providing safe grounding components to protect equipment more effectively. Screen 15.6 inch LED backlit industrial screen, aluminum alloy front panel meets IP65 waterproof standard, optional full-plane capacitive touch screen or resistive touch screen.

Embedded and VESA wall-mounted, desktop and other installation methods can be quickly and flexibly installed in various environments, and can be applied to industrial automation, military heavy industry, power communications, smart government affairs, medical education, visual logistics, advertising display, digital signage, smart city and other fields.

### Product images



Dimensional interfaces



Specs

system	C P U	intel Celeron J1900/J4125/J6412、Core i3/i5/i7
	Display the core	intel HD Graphics
	Memory support	DDR3/4 SO-DIMM
	Hard disk support	mSATA/M.2/2.5 寸 SATA
	Network chips	Gigabit Ethernet
	Audio chips	Integrated (built-in dual speakers).
Interfaces	operating system	Support Windows/Linux
	USB	6×USB
	Serial port	None (optional expansion 6 x DB9 RS232, 1-3 x optional switching RS485/422).
	Ethernet port	1× LAN 1000Mbps (2 LAN ports optional).
	Extended display	1×HDMI
	Audio	1×Audio
	Electrical source	1×DC 12V (optional 3pin 9-36V wide voltage).
	Turn it off	1×Power
	Grounding	1×GND
	Wireless communications	1× MINI-PCIE (OPTIONAL EXPANSION WIFI/BLUETOOTH/4G MODULE).
Display	Screen type	156" LEDs, 16:9 widescreen
	Resolution	1920×1080 @60Hz
	Display colors	16.7M
	Degree of contrast	1000:1
	Screen brightness	300~500cd/m <sup>2</sup>
	Viewing angle	Horizontal 160° / Vertical 150°
Touch	Viewable area	345×195mm
	Touch the screen	Available capacitive touch screen or resistive touch screen
	Support contacts	10-point touch or 1-point touch
	Surface hardness	≥7H or ≥4H
	Light transmittance	>87% or >79%

	Controllers	USB	
	Front panel	Aluminum alloy: 4 mm to thick, 2mm to thin	
	Ingress protection	The front panel is IP65 waterproof and dustproof	
	Chassis material	Aluminum alloy with ground terminal	
	Heat dissipation	Aluminum fins fanless	
	Power Specifications	DC 12V power adapter	
Structure	Installation:	Embedded, VESA mount type (100×100mm))	
	Product dimensions	412×256×58mm	
	Embedded cut-outs	397×241mm	
	Package size	490×350×155mm	
	Product color	Silver (grayish tint)	
	Product weight	Net weight 4.8kg, gross weight 6kg	
	Environment	Interference resistance	EMI/EMC interference detection standards
		ESD static electricity	The contact discharge ± 8KV, the air discharge ± 15KV
		Vibration resistance	5~500Hz, 2Grms random vibration
		Shock resistant	Working Status: 10G@11ms, Non-Working Status: 20G@11ms
Working environment		-20°C ~ 60°C	
Storage environment		-20°C ~ 70°C	
	relative humidity	10%~90% (no condensation).	

Ordering Information

Model	Touch	size	resolution	CPU	Memory	SSD	SATA	LAN	COM	HDMI	VGA	USB2.0	USB3.0	Power
SCP-K156SR/SZ (J1900)	Capacitive Screen / Resistive Screen	15.6 "	1920×1080	J1900/2.0GHz	DDR3	1	1	1-2	optional	1	N/A	5	1	DC 12V
SCP-K156SR/SZ (J4125)	Capacitive Screen / Resistive Screen	15.6 "	1920×1080	J4125/2.0GHz	DDR4	1	1	1-2	optional	1	N/A	4	2	DC 12V
SCP-K156SR/SZ (J6412)	Capacitive Screen / Resistive Screen	15.6 "	1920×1080	J6412/2.0GHz	DDR4	1	1	1-2	optional	1	N/A	4	2	DC 12V
SCP-K156SR/SZ (N4000)	Capacitive Screen / Resistive Screen	15.6 "	1920×1080	N4000/1.1GHz	DDR4	1	1	1-2	optional	1	N/A	4	2	DC 12V
SCP-K156SR/SZ (4205U)	Capacitive Screen / Resistive Screen	15.6 "	1920×1080	4205U/1.8GHz	DDR4	1	1	1-2	optional	1	N/A	4	2	DC 12V
SCP-K156SR/SZ (5205U)	Capacitive Screen / Resistive Screen	15.6 "	1920×1080	5205U/1.9GHz	DDR4	1	1	1-2	optional	1	N/A	4	2	DC 12V
SCP-K156SR/SZ (i5-3320M)	Capacitive Screen / Resistive Screen	15.6 "	1920×1080	i5-3320M/2.6GHz	DDR3	1	1	1-2	optional	1	N/A	4	2	DC 12V
SCP-K156SR/SZ (i3-4005U)	Capacitive Screen / Resistive Screen	15.6 "	1920×1080	i3-4005U/1.7GHz	DDR3	1	1	1-2	optional	1	N/A	4	2	DC 12V
SCP-K156SR/SZ (i5-4210U)	Capacitive Screen / Resistive Screen	15.6 "	1920×1080	i5-4210U/1.7GHz	DDR3	1	1	1-2	optional	1	N/A	4	2	DC 12V
SCP-K156SR/SZ (i5-6200U)	Capacitive Screen / Resistive Screen	15.6 "	1920×1080	i5-6200U/2.3GHz	DDR3	1	1	1-2	optional	1	N/A	4	2	DC 12V
SCP-K156SR/SZ (i3-7100U)	Capacitive Screen / Resistive Screen	15.6 "	1920×1080	i3-7100U/2.4GHz	DDR3	1	1	1-2	optional	1	N/A	4	2	DC 12V
SCP-K156SR/SZ (i5-7200U)	Capacitive Screen / Resistive Screen	15.6 "	1920×1080	i5-7200U/2.5GHz	DDR3	1	1	1-2	optional	1	N/A	4	2	DC 12V
SCP-K156SR/SZ (i7-7500U)	Capacitive Screen / Resistive Screen	15.6 "	1920×1080	i7-7500U/2.7GHz	DDR3	1	1	1-2	optional	1	N/A	4	2	DC 12V
SCP-K156SR/SZ (i7-7820HQ)	Capacitive Screen / Resistive Screen	15.6 "	1920×1080	i7-7820HQ/2.9GHz	DDR4	1	1	1-2	optional	1	N/A	2	4	DC 12V
SCP-K156SR/SZ (i3-8145U)	Capacitive Screen / Resistive Screen	15.6 "	1920×1080	i3-8145U/2.1GHz	DDR4	1	1	1-2	optional	1	N/A	2	4	DC 12V
SCP-K156SR/SZ (i5-8257U)	Capacitive Screen / Resistive Screen	15.6 "	1920×1080	i5-8257U/1.4GHz	DDR4	1	1	1-2	optional	1	N/A	2	4	DC 12V
SCP-K156SR/SZ (i5-8259U)	Capacitive Screen / Resistive Screen	15.6 "	1920×1080	i5-8259U/2.3GHz	DDR4	1	1	1-2	optional	1	N/A	2	4	DC 12V
SCP-K156SR/SZ (i5-8265U)	Capacitive Screen / Resistive Screen	15.6 "	1920×1080	i5-8265U/1.6GHz	DDR4	1	1	1-2	optional	1	N/A	2	4	DC 12V
SCP-K156SR/SZ (i5-8279U)	Capacitive Screen / Resistive Screen	15.6 "	1920×1080	i5-8279U/2.4GHz	DDR4	1	1	1-2	optional	1	N/A	2	4	DC 12V
SCP-K156SR/SZ (i5-8350U)	Capacitive Screen / Resistive Screen	15.6 "	1920×1080	i5-8350U/1.7GHz	DDR4	1	1	1-2	optional	1	N/A	2	4	DC 12V
SCP-K156SR/SZ (i5-8365U)	Capacitive Screen / Resistive Screen	15.6 "	1920×1080	i5-8365U/1.6GHz	DDR4	1	1	1-2	optional	1	N/A	2	4	DC 12V
SCP-K156SR/SZ (i7-8565U)	Capacitive Screen / Resistive Screen	15.6 "	1920×1080	i7-8565U/1.8GHz	DDR4	1	1	1-2	optional	1	N/A	2	4	DC 12V

SCP-K156SR/SZ (i5-10210U)	Capacitive Screen / Resistive Screen	15.6 "	1920×1080	i5-10210U/1.6GHz	DDR4	1	1	1-2	optional	1	N/A	2	4	DC 12V
SCP-K156SR/SZ (i3-1125G4)	Capacitive Screen / Resistive Screen	15.6 "	1920×1080	i3-1125G4/2.0GHz	DDR4	1	1	1-2	optional	1	N/A	4	2	DC 12V
SCP-K156SR/SZ (i5-1135G7)	Capacitive Screen / Resistive Screen	15.6 "	1920×1080	i5-1135G7/2.4GHz	DDR4	1	1	1-2	optional	1	N/A	4	2	DC 12V
SCP-K156SR/SZ (i7-1165G7)	Capacitive Screen / Resistive Screen	15.6 "	1920×1080	i7-1165G7/2.8GHz	DDR4	1	1	1-2	optional	1	N/A	4	2	DC 12V
SCP-K156SR/SZ (i5-11320H)	Capacitive Screen / Resistive Screen	15.6 "	1920×1080	i5-11320H/3.2GHz	DDR4	1	1	1-2	optional	1	N/A	4	2	DC 12V
SCP-K156SR/SZ (i7-11390H)	Capacitive Screen / Resistive Screen	15.6 "	1920×1080	i7-11390H/3.4GHz	DDR4	1	1	1-2	optional	1	N/A	4	2	DC 12V
SCP-K156SR/SZ (6-12th Core)	Capacitive Screen / Resistive Screen	15.6 "	1920×1080	6/7/8/9/10/11/12th Core	DDR4	1	1	1-2	optional	1	N/A	4	2	DC 12V
SCP-K156SR/SZ (13-14th Core)	Capacitive Screen / Resistive Screen	15.6 "	1920×1080	13/14th Core	DDR5	1	1	1-2	optional	1	N/A	4	2	DC 12V

Configuration upgrade

name	description	remark
Memory	4G / 8G / 16G	Optional
hard disk	64G / 128G / 256G / 512G / 1TB SSD、500G / 1TB / 2TB 2.5 寸 SATA hard drive	Optional
Wireless communication	2.4G/5G dual-band WIFI, Bluetooth or 4G module	Optional
LAN port	1-2 Gigabit Ethernet ports are optional	Optional
COM port	Optional expansion of 6 COMRS232, 1-3 optional switching RS485/422	Optional
Wide voltage range	Optional addition of 9-36V wide voltage module	Optional
Case color	Silver	Standard

Accessories list

name	description	quantity	remark
Recessed snaps	For flush mounting	4	Standard
Power adapter	DC 12V 5A power adapter	1	Standard
Power cord	National standard, European standard, British standard, American standard, etc., the length can be 1.5m / 2m / 3m / 5m / 10m	1	Optional
Warranty card	Soncci logo / neutral	1	Optional
Certificate	Soncci logo / neutral	1	Optional
Wall mount bracket	The VESA100×100mm hole is used for wall mounting	1	Optional
Desk stand	The VESA100×100mm hole is used for mounting on the desktop	1	Optional