

21.5" Full Plane Capacitive Screen Aluminum Alloy 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 21.5" resolution 1920×1080, 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
- 6 DB9 RS232 COM ports, optional RS422/485 switching, support HDMI or VGA extended display, optional anti-vibration buffer waterproof adhesive strip
- 1 Gigabit Ethernet port (optional dual Ethernet port), 1 MINI-PCIE slot (optional WIFI Bluetooth or 4G module)
- Rugged chassis with or without fan for efficient heat dissipation, supporting embedded/VESA bracket and other mounting methods

Product Introduction

SCP-D1215WR/WZ aluminum alloy industrial tablet PC is equipped with intel Celeron/Core processor, data storage supports mSATA, M.2, 2.5-inch SATA, rich COM (RS232/422/485), USB, LAN and other interfaces, expandable WIFI Bluetooth or 4G module, optional anti-vibration buffer waterproof adhesive strip to better prevent moisture from penetrating into the box, and has been widely used in industrial fields and embedded equipment. It is also equipped with HDMI or VGA video output for extended display, supporting Windows and Linux systems.

It supports a wide temperature range (-10 to 50°C) and its streamlined design ensures efficient heat dissipation and strong shock resistance, making it a reliable industrial platform with safe grounding components to protect equipment more effectively. Screen: 21.5-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.

Specifications

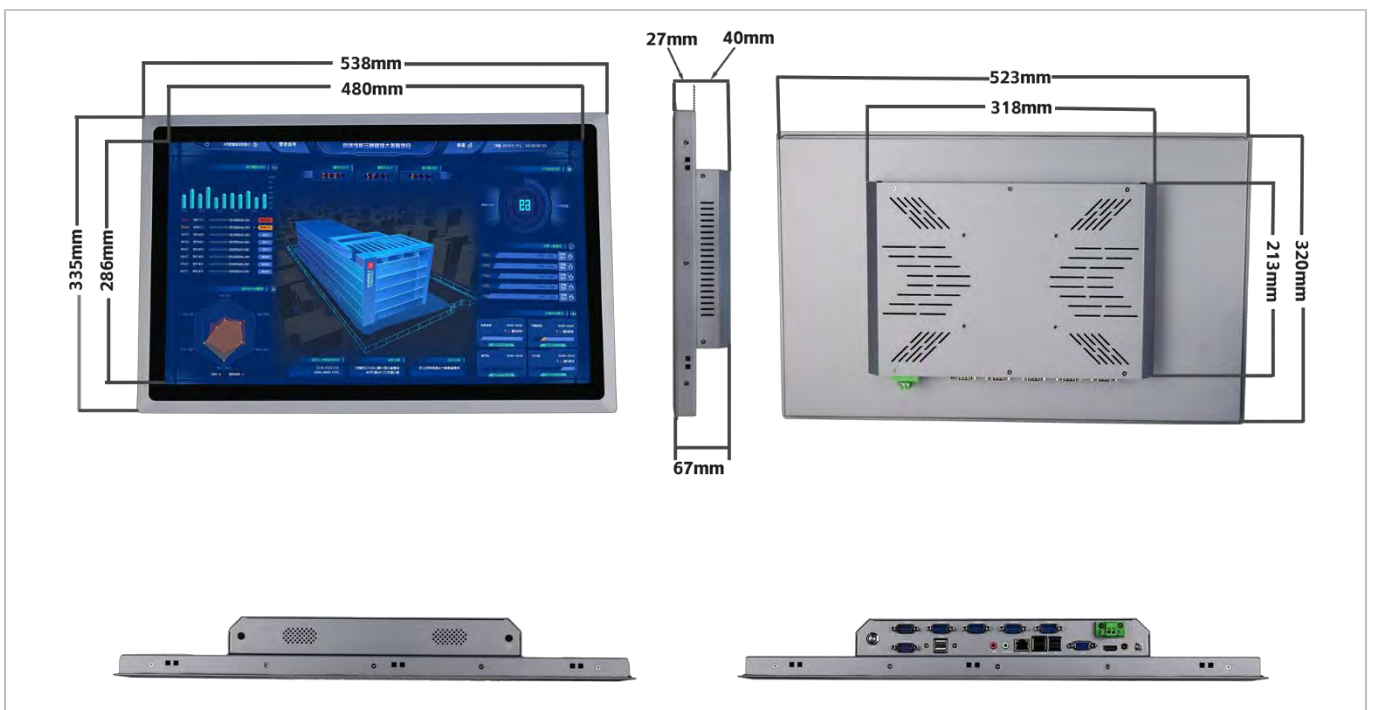
system	C P U	intel Celeron J1900/J4125/J6412、Core i3/i5/i7
	Display the core	intel HD Graphics
	Memory support	DDR3/4 SO-DIMM
	Hard disk support	mSATA/M.2/2.5 寸 SATA
	Network chips	Gigabit Ethernet
	Audio chips	Integrated (built-in dual speakers).
	operating system	Support Windows/Linux
Interfaces	USB	6×USB
	Serial port	6×DB9 RS232 (optional 1-3 switching RS485/422)
	Ethernet port	1× LAN 1000Mbps (2 LAN ports optional).
	Extended display	1×VGA、1×HDMI
	Audio	1×Audio、1×Mic
	Electrical source	1×DC 12V、1×2pin
	Turn it off	1×Power
	Grounding	1×GND
Display	Wireless communications	1× MINI-PCIE (OPTIONAL EXPANSION WIFI/BLUETOOTH/4G MODULE).
	Screen type	21.5" LED, 16:9 widescreen
	Resolution	1920×1080 @60Hz
	Display colors	16.7M
	Degree of contrast	1000:1
	Screen brightness	300~500cd/m ²
	Viewing angle	Horizontal 160° / Vertical 150°
Touch	Viewable area	478×270mm
	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	Galvanized steel SECC with ground terminal
	Heat dissipation	Fanned or fanless
Structure	Power Specifications	DC 12V power adapter
	Installation:	Embedded, VESA mount type (100×100mm))
	Product dimensions	538×335×67mm
	Embedded cut-outs	523×320mm
	Package size	655×455×155mm
	Product color	Silver (grayish tint)
Environment	Product weight	Net weight 7.8kg, gross weight 9.5kg
	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).

Product images



Dimensional interfaces



Ordering Information

Model	Touch	size	resolution	CPU	Memory	SSD	SATA	LAN	COM	HDMI	VGA	USB2.0	USB3.0	Power
SCP-D215WR/WZ (J1900)	Capacitive Screen / Resistive Screen	21.5"	1920x1080	J1900/2.0GHz	DDR3	1	1	1-2	optional	1	1	5	1	DC 12V
SCP-D215WR/WZ (J4125)	Capacitive Screen / Resistive Screen	21.5"	1920x1080	J4125/2.0GHz	DDR4	1	1	1-2	optional	1	1	4	2	DC 12V
SCP-D215WR/WZ (J6412)	Capacitive Screen / Resistive Screen	21.5"	1920x1080	J6412/2.0GHz	DDR4	1	1	1-2	optional	1	1	4	2	DC 12V
SCP-D215WR/WZ (N4000)	Capacitive Screen / Resistive Screen	21.5"	1920x1080	N4000/1.1GHz	DDR4	1	1	1-2	optional	1	1	4	2	DC 12V
SCP-D215WR/WZ (4205U)	Capacitive Screen / Resistive Screen	21.5"	1920x1080	4205U/1.8GHz	DDR4	1	1	1-2	optional	1	1	4	2	DC 12V
SCP-D215WR/WZ (5205U)	Capacitive Screen / Resistive Screen	21.5"	1920x1080	5205U/1.9GHz	DDR4	1	1	1-2	optional	1	1	4	2	DC 12V
SCP-D215WR/WZ (i5-3320M)	Capacitive Screen / Resistive Screen	21.5"	1920x1080	i5-3320M/2.6GHz	DDR3	1	1	1-2	optional	1	1	4	2	DC 12V
SCP-D215WR/WZ (i3-4005U)	Capacitive Screen / Resistive Screen	21.5"	1920x1080	i3-4005U/1.7GHz	DDR3	1	1	1-2	optional	1	1	4	2	DC 12V
SCP-D215WR/WZ (i5-4210U)	Capacitive Screen / Resistive Screen	21.5"	1920x1080	i5-4210U/1.7GHz	DDR3	1	1	1-2	optional	1	1	4	2	DC 12V
SCP-D215WR/WZ (i5-6200U)	Capacitive Screen / Resistive Screen	21.5"	1920x1080	i5-6200U/2.3GHz	DDR3	1	1	1-2	optional	1	1	4	2	DC 12V
SCP-D215WR/WZ (i3-7100U)	Capacitive Screen / Resistive Screen	21.5"	1920x1080	i3-7100U/2.4GHz	DDR3	1	1	1-2	optional	1	1	4	2	DC 12V
SCP-D215WR/WZ (i5-7200U)	Capacitive Screen / Resistive Screen	21.5"	1920x1080	i5-7200U/2.5GHz	DDR3	1	1	1-2	optional	1	1	4	2	DC 12V
SCP-D215WR/WZ (i7-7500U)	Capacitive Screen / Resistive Screen	21.5"	1920x1080	i7-7500U/2.7GHz	DDR3	1	1	1-2	optional	1	1	4	2	DC 12V
SCP-D215WR/WZ (i7-7820HQ)	Capacitive Screen / Resistive Screen	21.5"	1920x1080	i7-7820HQ/2.9GHz	DDR4	1	1	1-2	optional	1	1	2	4	DC 12V
SCP-D215WR/WZ (i3-8145U)	Capacitive Screen / Resistive Screen	21.5"	1920x1080	i3-8145U/2.1GHz	DDR4	1	1	1-2	optional	1	1	2	4	DC 12V
SCP-D215WR/WZ (i5-8257U)	Capacitive Screen / Resistive Screen	21.5"	1920x1080	i5-8257U/1.4GHz	DDR4	1	1	1-2	optional	1	1	2	4	DC 12V
SCP-D215WR/WZ (i5-8259U)	Capacitive Screen / Resistive Screen	21.5"	1920x1080	i5-8259U/2.3GHz	DDR4	1	1	1-2	optional	1	1	2	4	DC 12V
SCP-D215WR/WZ (i5-8265U)	Capacitive Screen / Resistive Screen	21.5"	1920x1080	i5-8265U/1.6GHz	DDR4	1	1	1-2	optional	1	1	2	4	DC 12V
SCP-D215WR/WZ (i5-8279U)	Capacitive Screen / Resistive Screen	21.5"	1920x1080	i5-8279U/2.4GHz	DDR4	1	1	1-2	optional	1	1	2	4	DC 12V
SCP-D215WR/WZ (i5-8350U)	Capacitive Screen / Resistive Screen	21.5"	1920x1080	i5-8350U/1.7GHz	DDR4	1	1	1-2	optional	1	1	2	4	DC 12V
SCP-D215WR/WZ (i5-8365U)	Capacitive Screen / Resistive Screen	21.5"	1920x1080	i5-8365U/1.6GHz	DDR4	1	1	1-2	optional	1	1	2	4	DC 12V
SCP-D215WR/WZ (i7-8565U)	Capacitive Screen / Resistive Screen	21.5"	1920x1080	i7-8565U/1.8GHz	DDR4	1	1	1-2	optional	1	1	2	4	DC 12V
SCP-D215WR/WZ (i5-10210U)	Capacitive Screen / Resistive Screen	21.5"	1920x1080	i5-10210U/1.6GHz	DDR4	1	1	1-2	optional	1	1	2	4	DC 12V
SCP-D215WR/WZ (i3-1125G4)	Capacitive Screen / Resistive Screen	21.5"	1920x1080	i3-1125G4/2.0GHz	DDR4	1	1	1-2	optional	1	1	4	2	DC 12V
SCP-D215WR/WZ (i5-1135G7)	Capacitive Screen / Resistive Screen	21.5"	1920x1080	i5-1135G7/2.4GHz	DDR4	1	1	1-2	optional	1	1	4	2	DC 12V
SCP-D215WR/WZ (i7-1165G7)	Capacitive Screen / Resistive Screen	21.5"	1920x1080	i7-1165G7/2.8GHz	DDR4	1	1	1-2	optional	1	1	4	2	DC 12V
SCP-D215WR/WZ (i5-11320H)	Capacitive Screen / Resistive Screen	21.5"	1920x1080	i5-11320H/3.2GHz	DDR4	1	1	1-2	optional	1	1	4	2	DC 12V
SCP-D215WR/WZ (i7-11390H)	Capacitive Screen / Resistive Screen	21.5"	1920x1080	i7-11390H/3.4GHz	DDR4	1	1	1-2	optional	1	1	4	2	DC 12V
SCP-D215WR/WZ (6-12th Core)	Capacitive Screen / Resistive Screen	21.5"	1920x1080	6/7/8/9/10/11/12th Core	DDR4	1	1	1-2	optional	1	1	4	2	DC 12V
SCP-D215WR/WZ (13-14th Core)	Capacitive Screen / Resistive Screen	21.5"	1920x1080	13/14th Core	DDR5	1	1	1-2	optional	1	1	4	2	DC 12V

Configuration upgrade

name	description	remark
Memory sticks	4G / 8G / 16G	Optional
hard disk	64G / 128G / 256G / 512G / 1TB SSD, 500G / 1TB / 2TB 2.5-inch 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	6 COM ports default RS232, optional 1-3 switch RS485/422	Optional
Case color	argent	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