

## 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

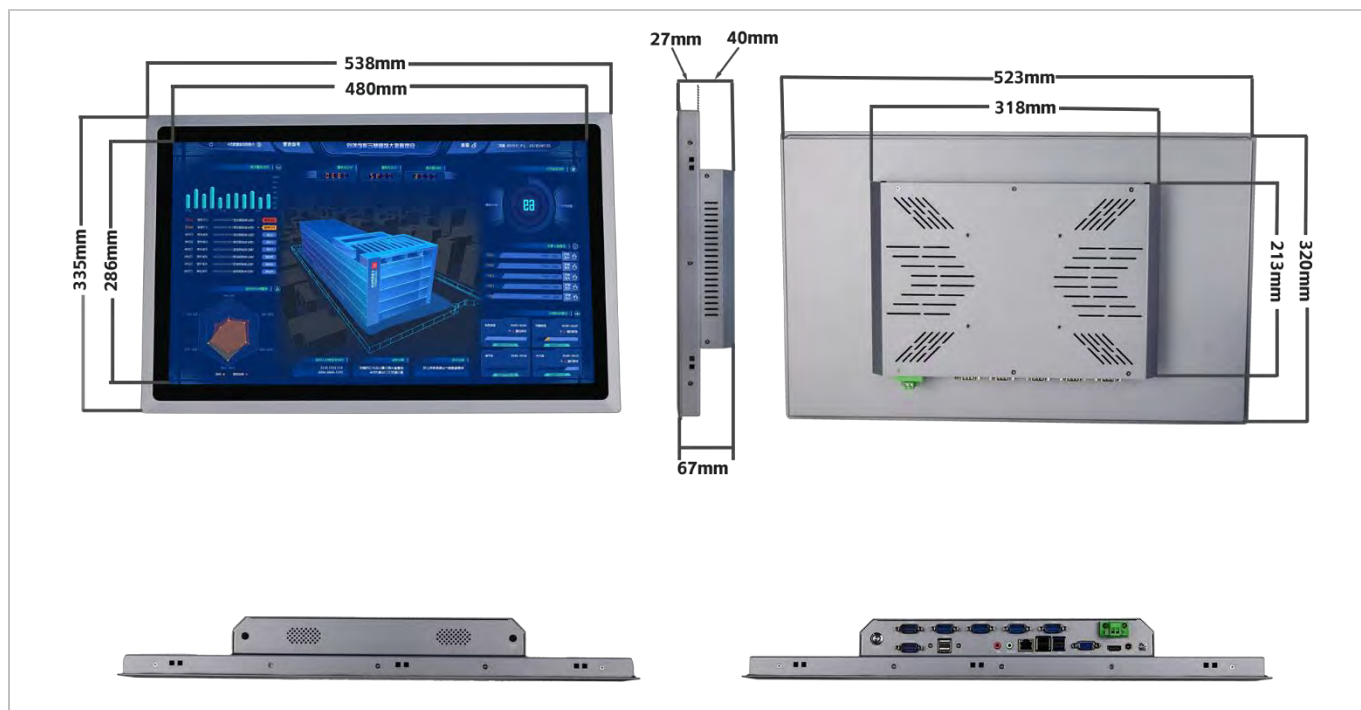
|            |                         |                                                             |
|------------|-------------------------|-------------------------------------------------------------|
| system     | C P U                   | intel Celeron J1900/J4125/J6412、Core i3/i5/i7               |
|            | 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/m²                                                |
|            | 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%                                                |

|             |                         |                                                        |
|-------------|-------------------------|--------------------------------------------------------|
| Structure   | 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                                      |
|             | 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                                          |
| Environment | Product color           | Silver (grayish tint)                                  |
|             | 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 " | 1920×1080  | 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 " | 1920×1080  | 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 " | 1920×1080  | 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 " | 1920×1080  | 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 " | 1920×1080  | 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 " | 1920×1080  | 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 " | 1920×1080  | 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 " | 1920×1080  | 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 " | 1920×1080  | 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 " | 1920×1080  | 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 " | 1920×1080  | 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 " | 1920×1080  | 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 " | 1920×1080  | 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 " | 1920×1080  | 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 " | 1920×1080  | 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 " | 1920×1080  | 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 " | 1920×1080  | 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 " | 1920×1080  | 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 " | 1920×1080  | 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 " | 1920×1080  | 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 " | 1920×1080  | 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 " | 1920×1080  | 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 " | 1920×1080  | 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 " | 1920×1080  | 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 " | 1920×1080  | 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 " | 1920×1080  | 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 " | 1920×1080  | 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 " | 1920×1080  | 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 " | 1920×1080  | 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 " | 1920×1080  | 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 |