

**Fanless Industrial Panel PC Support Wide Temperature Operation
Size: 21.5"**





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SD-OMEGA 2nd-GEN 21.5" industrial panel PC provides the highest computing capability for any harsh applications by adopting an Intel quad-core processor. The operating system supports Win 7, Win 10, Win11, or Ubuntu, and provides incredible flexibility and high adaptability. Gigabit Ethernet is available. The ultra-thin 3mm front bezel makes it suitable to be placed in cabinets for embedded mount and panel mount.

Quick Ordering Guide

Configuration Upgradable

SD215-W200 21.5" Intel® Celeron® Processor Quad-Core 2.0GHz based Industrial Panel PC with Non-touch screen (mouse control), black appearance

SD215-W201 21.5" Intel® Celeron® Processor Quad-Core 2.0GHz based Industrial Panel PC with Non-touch screen (mouse control), silver appearance

SD215-W210 21.5" Intel® Celeron® Processor Quad-Core 2.0GHz based Industrial Panel PC with Multi-point capacitive touch screen, black appearance

SD215-W211 21.5" Intel® Celeron® Processor Quad-Core 2.0GHz based Industrial Panel PC with Multi-point capacitive touch screen, silver appearance

SD215-W220 21.5" Intel® Celeron® Processor Quad-Core 2.0GHz based Industrial Panel PC with 5-wire resistive touch screen, black appearance

SD215-W221 21.5" Intel® Celeron® Processor Quad-Core 2.0GHz based Industrial Panel PC with 5-wire resistive touch screen, silver appearance

Product Features

- 21.5-inch FHD 1920 x 1080 (16:9)
- IP65 surface dustproof and waterproof
- Aluminum alloy housing, excellent corrosion resistance, fanless for heat-dissipation
- Support DC-in 12V~36V
- Support wide operating temperature -10°C~60°C
- Highly modularized design for easy upgrade
- Highly flexible I/O and expansion capabilities
- Support embedded mount, panel mount, desktop mount, VESA mount 75 x 75 /100 x 100mm
- CE, RoHS approved

Screen parameters	Screen size	21.5 inch
	Model	SD215-W2
	Resolution	1920*1080
	Proportion	16:9 widescreen
Motherboard parameters	CPU	Intel Celeron J1900 2GHz quad-core (J4125/J6412 Quad-Core for optional)
	Hard Disk	64GB SSD (128/256/512GB for optional)
	Memory	4GB DDR3 1333/1600M (8/16GB for optional)
	Audio	Integrated Audio Chip
	Network	Integrated Gigabit LAN
	Wireless network	Built-in wifi antenna supports wireless connection
	Graphics Cards	Integrated Graphics
System	Win 7 (Win 10 / Win 11 / Ubuntu / CentOS / Redhat 7.4 / Debian 7.0 for optional)	

	Speakers	Available
Interface parameters	USB interface	7"-10.4":USB2.0*2, Other sizes: USB2.0*3+USB3.0*1
	Serial Interface	COM*2; Default with RS232, RS422/RS485 for optional
	WIFI connector	WIFI antenna*1
	Power Interface	DC 12V*1
	High-definition interface	HDMI*1
	Extended display	VGA*1, support for synchronous dual display and differential display
	Network interface	RJ-45*1
	Audio Interface	Audio I/O
	Support extensions	Multiple industries interface support customization
Display parameters	Color	16.7M
	Point distance	0.264mm
	Screen Panel	Industrial control panel
	Contrast	1000:1
	Display brightness	300cd/m2 (high brightness above 300cd/m2 is customizable)
	View angle	(H160 (V) 160, customizable wide viewing angle 178°
	Backlight type	LED-backlit screen Lifetime ≥ 50000h
	Gray-scale response time	5ms
	Touch Optional	Resistive/Capacitive/Mouse control
	Installation method	Embedded, desktop, wall-mounted, VESA 75, VESA 100
Other parameters	Power	12V-5A Professional External Power Adapter
	Power consumption	≤60W
	Working temperature	-10°C~60°C
	Storage temperature	-20°C~70°C
	Relative humidity	0%-65% (without condensation)
	Material	Aluminum alloy
	Color	Silver / Black
	Warranty	Three-year warranty
	Degree of protection	Front panel IP65 dustproof and waterproof
	Packing list	Industrial Tablet PC / Mounting Accessories / Power Cord / Power Adapter / Driver CD / Manual / Warranty Card