

# 17 Inch Touch Screen Panel PC OEM/ODM

Size: 17"





## **17" Industrial Touch Screen Panel PC - Support OEM/ODM**

### **Model: SD170-W2**

This 17-inch industrial-grade Windows all-in-one-panel PC is designed to work under harsh industrial conditions, providing a variety of touch control and display solutions for industrial automation, AI, IoT, commercial smart terminals, etc. We offer OEM/ODM customization services in terms of appearance, screen size, screen types, and function modules.

### **Product Features**

- Display Size: 17-inch; 1280\*1024
- CPU: Intel J6412, J4125, J1900 options.
- RAM: 4GB DDR3 ( 8GB / 16GB optional ).
- SSD: 64GB ( 128GB / 256GB / 512GB optional ).
- Operation system: Win11 Pro, 64 Bits. (Win 7 / Win 10 / Win 11 / Ubuntu / Debian optional)
- True flat industrial-grade LCD.
- High brightness screen: 1000 Nits.
- Supports UV resistance coating, Anti-glare coating, and sunlight readable.
- IP65 protection for the front panels.
- Long Span-Life Solid-State
- Wide operational temperature range -10°C to +60°C.
- Abundant I/O and Ethernet ports, and is expandable.

- Support automatically powers on after power failure.
- Industrial aesthetic design and Reasonable interface layout.
- Multi-touch screen technologies available: capacitive, resistive, and Non-touch screen.
- Fanless cooling design: offer a silent and low-consumption solution that maximizes heat dissipation.
- Ideal for multiple applications: industrial and commercial, educational, medical, security, financial, and virtualization platforms.

<b>Screen Parameters</b>	Screen size	17 inch		
	Model	SD170-W2		
	Resolution	1280*1024		
	Proportion	5:4 square screen		
<b>Motherboard Parameters</b>	CPU	Intel® Celeron® J1900, Quad-Core	Intel® Celeron® J4125, Quad-Core	Intel® Celeron® J6412, Quad-Core
	Hard Disk	SSD 64GB (128/256/512GB optional)	SSD 64GB (128/256/512GB optional)	eMMC 256GB
	Memory	DDR3 1333/1600M 4GB (8GB optional)	DDR3 1333/1600M 4GB (8GB optional)	8GB (16GB optional)
	Chipset	Intel HD Graphics	Intel HD Graphics	Intel HD Graphics
	Operating System	Win 7 / Win 10 / Ubuntu (16.04.7/18.04.5/18.04.6/20.04.1) / Centos (7.4/7.8) / Redhat7.4 / Debian7.0	Win 10 / Win11 Pro / Ubuntu (16.04.7/18.04.6) / Centos (7.8/8.4)	Win 7 / Win 10 Pro / Win11 Pro / Ubuntu (16.04.7/18.04.5/20.04.3) / Centos (7.6/7.8)

Graphics Cards	Integrated HD Graphic display core	Integrated HD Graphic display core	Integrated HD Graphic display core
3G/4G	Support	Support	Support
WIFI	Dual-band 2.4/5G	Dual-band 2.4/5G	Dual-band 2.4/5G
Bluetooth	BT4.0	BT4.0	BT5.2
GPS	Optional	Optional	Optional
MIC	Optional	Optional	Optional
RTC, real-time clock	Support	Support	Optional
Wake on LAN	Support	Support	Optional
Plug-and-play	Support	Support	Support



<b>Interface Parameters</b>	USB interface	7"~10.4": USB2.0*2; Other sizes: USB2.0*3+USB3.0*1
	Serial Interface	7"~10.4": COM*1; Other Sizes: COM*2, Default with RS232 protocol, RS422/485 protocol optional
	WIFI connector	WIFI antenna*1
	DC Port	1*DC 2.5, supports wide voltage 12V-36V power supply
	High-definition interface	HDMI*1, supports HDMI data output, maximum support 1080P
	Extended display	VGA*1, support for synchronous dual display and differential display
	Network interface	RJ-45*1, 1*Realtec8111F Gigabit interface, support wake-on-LAN
	Earphone Jack	3.5mm standard interface
	SIM Slots	Standard SIM card interface, supports various formats

	Audio Interface	Audio I/O
	Support extensions	Supports custom multiple industries interfaces
<b>Display Parameters</b>	Color	16.7M
	Point distance	0.264mm
	Screen Panel	Industrial control panel
	Contrast	1000:1
	Display brightness	300cd/m2 (high brightness is customizable)
	View angle	85°/85°/85°/85° (L/R/U/D)
	Backlight type	LED-backlit screen Lifetime ≥ 50000h
	Gray-scale response time	5ms
	Touch Optional	Resistive / Capacitive / Mouse control
	Installation method	Panel-mount, embedded, desktop, wall-mounted, VESA 75/100mm, open frame
<b>Other Parameters</b>	Power	12V-5A Professional External Power Adapter
	Power consumption	≤60W
	Working temperature	-10°C~60°C
	Storage temperature	-20°C~70°C
	Relative humidity	95% (without condensation)
	Material	Aluminum alloy

	Color	Silver / Black
	Warranty Policy	One-year warranty
	Degree of protection	Front panel IP65 dustproof and waterproof
	Packing list	Industrial Panel PC / Mounting Accessories / Power Cord / Power Adapter / Driver CD / Manual / Warranty Card