

Industrial Touchscreen Panel PC All in One Windows 19 Inch

Size: 19"





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Model: SD190-W2

SD-OMEGA 19-inch industrial panel PCs support Windows 7 / 10 / 11 system, equipped with powerful Intel® processor, long span life LED backlight, providing expansion slots in a NEMAX4/ IP65 reliable aluminum alloy bezel and well-performed in terms of shock-proof, high/low-temperature resistance.

SD-OMEGA Industrial Panel PC Features

- The industrial panel PC adopts the full-flat front panel, more suitable for embedded installation.
- Seamless true-flat front panel, effectively withstanding the infiltration of dust and water vapor.
- Aluminum alloy fuselage with high precision, offers excellent anti-corrosion, and anti-oxidation performance.
- Fully-enclosed dust-proof design, shock-proof, high/low-temperature resistance, working temperature range up to - 10 ~60°C.
- The rear cover of the panel PC is designed with a circular arc structure, which perfects heat-dissipation performance during working.
- Anti-EMI: EMI/EMC standards compliance, performs perfectly in harsh conditions.
- Reserved dust-proof and waterproof speaker hole built with industrial sound transmission material.
- OSD function: external buttons on the panel support adjustment of brightness, is reduces complex and tedious operation.
- We choose the most trustworthy forwarders like DHL, UPS, and FedEx to ship industrial panel PCs to customers.

Screen parameters	Screen size	19 inch
	Model	SD190-W2
	Resolution	1280*1024
	Proportion	5:4 square screen
Motherboard parameters	CPU	Intel®Celeron® Processor J1900, J4125, J6412 Quad-Core 2.0 GHz
	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)
Interface parameters	Speakers	Available
	USB interface	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
Display parameters	Support extensions	Multiple industries interface support customization
	Color	16.7M
	Point distance	0.264mm
	Screen Panel	Industrial control panel
	Contrast	1000:1
	Display brightness	300cd/m2 (high brightness above 300cd/m2 available)
	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	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	95% (without condensation)
	Material	Aluminum alloy
	Color	Silver / Black
	Warranty Policy	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