Industrial All In One Tablet PC Intel Core Processor 12 inch

Size: 12"

12" Industrial All-in-One Panel PC with Intel Core Processor

<u>**Model: SD120-W2**</u>

SD-OMEGA 12-inch all-in-one industrial panel PC is the perfect industrial panel PC for various applications in different sizes of spaces. They can be fixed in the production line device with anti-vibration. They are supported to work well for outdoor devices and terminal types of equipment.

Product Features

● This industrial all-in-one PC adopts an Aluminum alloy enclosure, better heat dissipation than iron materials.
● IP65-rated waterproof and dust proof for the front panel, well-performed in harsh environments.
● Industrial-grade A, A+ LED screen, offering a perfect image for users.
● Wide working temperature: -10°C~60°C.
● Low consumption, a benefit for customers' cost-efficiency.
● Automatic power-on function.
● Power supply: 12V~36V.
● Support long-time running with no interruption for 7 days * 24 hours.
● Industrial-grade mainboards, high performance in harsh industrial environments.
● Intel CPU, Windows 7/10/11, Ubuntu/CentOS options.

● EMI / EMC / Flame-proof / Damp proof / Anti-static / Anti-surge performance in harsh industrial sites.

Screen Parameters	Screen size	12 inch
	Model	SD120-W2
	Resolution	1024*768
	Proportion	4:3 square screen

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	Windows 7 (Win 10 / Win 11 / Ubuntu / CentOS / Redhat 7.4 / Debian 7.0 options)
	Speakers	Available

Interface Parameters	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/RS485 Protocol options
	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	RJ45*1
	Audio Interface	Audio I/O
	Support extensions	Multiple industry interfaces 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	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 75/100, panel mount, open frame.

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 material
	Color	Silver / Black
	Warranty Policy	One-year free 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