Industrial Capacitive Touch Fanless Panel PC with Intel J1900 J6412 J4125

Size: 15.6"

15.6" Industrial Panel PC with Capacitive Touch and Intel Celeron J1900/J4125/J6412 Options

Model: SD156-W2

This SD-OMEGA 15.6-inch industrial panel PC, unlike consumer computers that require much care to protect it gets damaged from extreme environmental conditions. IP65-rated waterproof and dust-proof industrial panel PCs are suitable for indoor and outdoor devices with perfect performance. Offer capacitive or resistive touchscreen and intel J1900/J4125/J6412 CPU for optional.

SD-OMEGA 15.6-inch industrial Panel PC Features

• 3mm ultra-thin front panel thickness, easy to maintain, and suitable for embedding.
• IP65 waterproof and dust-proof for the front panel.
• EMC anti-electromagnetic interference.
• Working temp for industrial panel PC: -10°C ~ +60°C.
• Celeron Quad-core J1900/J4125/J6412 CPU, fast-running.
• Aluminum alloy heat-dissipating material, low power consumption, energy-saving.

• Support 7*24 hours long-time running under all weather conditions.

Industrial-grade Motherboard Configuration

• Memory: SSD 64GB (128/256/512GB options); DDR3 4GB（8/16GB options).
• Electronic Components: high and low-temperature resistance, working temp range is -20-70°C.
• Expansion Slots: support WIFI, 3G/4G module, support MSATA SSD.
• Power Management Chip: support high-level power management ACPI. Support wake-on-LAN function S4, S5. Support automatic power-on function.
• The Power Adapter: DC 12V or ATX transfer 12V power supply.
• Network Interface: 1XRealtek 8111E supports gigabit Ethernet.
• Display Interface: support synchronized dual display / asynchronous double display (VGA+HDMI).
• The industrial touch screen PCs support multi-customization services in terms of the functional modules.

Screen parameters	Screen size	15.6 inch
	Model	SD156-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
	OS	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	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	0%-65% (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 Tablet PC / Mounting Accessories / Power Cord / Power Adapter / Driver CD / Manual / Warranty Card	