

Panel Mount Industrial Touch PC with i3 i5 i7 Processor

Size: 7" - 23.8"





Panel Mount Panel PC

This is a newly designed 2nd-GEN i-Series industrial panel PC, with high performance, ultra-thin design, and support 10th-GEN Intel Core™ i7 processor. It has a fanless design for superior heat dissipation performance. It is equipped with abundant I/O ports for offering expansion possibilities as much as possible. 3mm ultra-thin front bezel and durable Aluminium alloy housing make it suitable for panel mount (embedded mount), and fully meet a variety of applications.

Features

- High-performance CPU, newly upgraded configuration, up to Intel i7 processor.
- Mute fanless for the cooling system, offer powerful heat dissipation performance.
- Default with 8G DDR4 + 128G SSD storage.
- IP65 dust-waterproof standard, truly flat panel.
- High-speed transmission capability: Dual Gigabit Ethernet, support WiFi 2.4/5G.
- ESD anti-static, contact 4KV, air 8KV.
- Support 12V-36V wide voltage for power supply
- Multiple customization options to create personalized products for you

Features

- High-performance CPU, newly upgraded configuration, up to Intel i7 processor.
- Mute fanless for the cooling system, offer powerful heat dissipation performance.
- Default with 8G DDR4 + 128G SSD storage, support upgrade
- IP65 dustproof and waterproof.
- High-speed transmission capability: Dual Gigabit Ethernet, supports WiFi 2.4G/5G.
- ESD anti-static, contact 4KV, air 8KV.
- Support 12V-36V wide voltage for power supply
- Support multiple operating systems, such as Windows, Ubuntu, and CentOS.

Product Model Quick Guide

Model Name	Screen Size	Resolution	Aspect Ratio
SD070-W200	7"	1024*600	16:9
SD080-W200	8"	1024*768	4:3
SD101-W200	10.1"	1280*800	16:10
SD104-W200	10.4"	1024*768	4:3
SD116-W200	11.6"	1920*1080	16:9
SD120-W200	12"	1024*768	4:3
SD121-W200	12.1"	1280*800	16:10
SD133-W200	13.3"	1920*1080	16:9
SD150-W200	15"	1024*768	4:3
SD156-W200	15.6"	1920*1080	16:9
SD170-W200	17"	1280*1024	5:4
SD173-W200	17.3"	1920*1080	16:9
SD185-W200	18.5"	1920*1080	16:9
SD190-W200	19"	1280*1024	5:4
SD191-W200	19.1"	1440*900	16:10
SD215-W200	21.5"	1920*1080	16:9
SD238-W200	23.8"	1920*1080	16:9

PRODUCT PARAMETERS:

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Hardware Configuration	CPU (i3)	i3-6100U 2.3Ghz	4GB DDR4 (8/16/32GB)	128GB SSD (256/512GB)
		i3-8145U 2.1Ghz	4GB DDR4 (8/16/32GB)	128GB SSD (256/512GB)
		i3-10110U 2.1Ghz	8GB DDR4 (16/32/64GB)	128GB SSD (256/512GB)
	CPU (i5)	i5-6200U 2.3Ghz	4GB DDR4 (8/16/32GB)	128GB SSD (256/512GB)
		i5-7200U 2.5Ghz	4GB DDR4 (8/16/32GB)	128GB SSD (256/512GB)
		i5-8265U 1.6Ghz	4GB DDR4 (8/16/32GB)	128GB SSD (256/512GB)
		i5-10210U	8GB DDR4	128GB SSD

		1.6Ghz	(16/32/64GB)	(256/512GB)
CPU (i7)	i7-6500U	2.5 Ghz	4GB DDR4 (8/16/32GB)	128GB SSD (256/512GB)
	i7-7500U	2.7Ghz	4GB DDR4 (8/16/32GB)	128GB SSD (256/512GB)
	i7-8565U	1.8Ghz	4GB DDR4 (8/16/32GB)	128GB SSD (256/512GB)
	i7-10510U	1.8Ghz	8GB DDR4 (16/32/64GB)	128GB SSD (256/512GB)
Graphics Card	Intel HD Graphics 520, Intel HD Graphics 620, Intel HD Graphics 630			
OS	Windows 7 (Professional/Ultimate) / Windows 10 (Professional/Enterprise/Home) / Windows 11 (Professional) / Ubuntu (16.04.7/18.04.5/20.04.3) / Centos (7.6/7.8)			
3G/4G Module	Support			
WiFi	Dual-band 2.4/5G			
Bluetooth	BT4.2			
GPS	Optional			
MIC	Optional			
RTC	Support			
Timer Switch	Optional			
Wake on LAN	Support			

The following interface parameters are only for the i3-6100U, for other configuration options, please contact us for details.

Interface Parameter	USB	8"~10.4": 2*USB2.0, Other size: 3*USB2.0*3+1*USB3.0
	DC	1*DC 2.5; Support wide voltage 12V~36V power supply
	HDMI	Support HDMI data output, maximum support 1080P
	VGA	Standard DB15 interface
	RJ45	1*Realtek 8111F Gigabit interface, support wake-on-LAN
	Earphone Jack	3.5mm standard interface
	SIM Card	Standard interface supports various formats
	Serial Interface	8"~10.4": 1*COM; other sizes: 2*COM; Default with RS232 protocol, RS422/RS485 protocol optional.

Screen Parameters	Color	16.7M
	Pixel Pitch	0.264mm
	Screen Panel	Industrial control screen
	Contrast	800:1

	Display Brightness	300cd/m2 (high brightness above 400cd/m2 can be customized)
	Viewing Angle	85/85/85/85 (L/R/U/D)
	Backlight Type	LED backlight, screen life \geq 50000h
	Response Time	6.5ms
	Touchscreen Type	Non-touch, capacitive touchscreen, and resistive touchscreen for optional
	Installation Method	Panel mount, embedded mount, wall-hanging, desktop, VESA
Product Reliability	Operating Temperature	-10°C ~ 60°C
	Storage Temperature	-20°C ~ 70°C
	Humidity	10% to 95% (non-condensing)
Power Adapter	Power Consumption	\leq 48W
	Power Input	AC 100-240V 50/60Hz; with CCC, CE certification
	Power Output	DC12V / 5A