



## Features

- 1. [Embedded indoor application design](#)
- 2. Adopt [multi-points PCAP touch](#), high sensitive and fast-response, 7H Glass for vand.
- 3. [Industrial Grade LCD screen, fanless, high-performance](#)
- 4. [RFID + QR Code module](#), 4G Module Optional.
- 5. Windows OS for Industrial Automation

## Specification

Mainboard	CPU	Intel® Celeron J1900, quad core, 2.0GHz, fanless
	RAM	2GB/4GB/8G
	SSD	32GB/64GB/128GB/256GB
	Customized 1	RFID module
	Customized 2	2D Code module

Screen	Panel size	7"	
	Resolution	1024*600 16:9	
	Brightness	350nits	
	Touchscreen	10 points Capacitive Touch	
		5 wires Resistive Touch Optional	
	Surface Treatment	Anti-glare Glass (Optional)	
		Optical Bonding (Optional)	
	Dimming	Auto-dimming with light sensor (Optional)	
	Contrast ratio	700:1(Typ.)	
	View Angle	80°/80°/70°/70°(R/L/U/D)	
Surface Hardness	G+G, ≥7H		
Working Life	≥50 million times		

Power Supply	Working voltage	DC12V (DC24V, 9-36V Optional)
Environment	Temperature	Operating: -10°C to 60°C, storage: -20°C to 70°C
	Relative humidity	10%~90% @ 30° C, non-condensing
Enclosure	Material	Aluminum Alloy
	Color	Black
	VESA mounting	75*75mm/100*100mm
	IP grade	Front IP65 waterproof
Demision	Net weight	/
	Gross weight	/
	Product size	/
	Packing size	425*375*180mm

I/O Interfaces	2*COM, 4*USB, 1*LAN, 1*VGA, 1*HDMI, 1*DC IN, 1*Audio	
	WIFI/RS485/Speaker Optional	
	1xVGA Optional	
Accessories	1x12V 5A Adaptor, 1x Power Plug, 1xWall Mounting Bracket	
OS	Support Windows 7/8/10, WES, Linux, Ubuntu, Debian, etc.	
Mountings	Embedded mounting screws	
	Wall mounting brackets; Desk stand holder (optional)	
Warranty	1-year free warranty	

## Drawing

## Sizes

7" 8"	10.1"	12.1"	13.3"	15"   15.6"	17"	19"	21.5"
1024*600 1024*768	1280*800 1024*768	1280*800 1024*768	1920*1080	1024*768 / 1920*1080	1280*1024	1280*1024	1920*1080
16:9 4:3	16:10 4:3	16:10 4:3	16:9	4:3   16:9	4:3	4:3	16:9

## Configuration

CPU available

Intel® Celeron J1900, quad core, 2.0GHz, fanless
Intel® Core I3-4005U, dual core, 1.7Ghz, fanless
Intel® Core I3-5005U, dual core, 2.0Ghz, fanless
Intel® Core I3-7100U, dual core, 2.3Ghz, fanless
Intel® Core I5-4200U, dual core, 1.6Ghz, fanless
Intel® Core I5-5200U, dual core, 2.2Ghz, fanless
Intel® Core I5-6200U, dual core, 2.3Ghz, fanless
Intel® Core I5-7200U, dual core, 2.5Ghz, fanless
Intel® Core I7-4500U, dual core, 1.8Ghz, fanless
Intel® Core I7-6500U, dual core, 2.5Ghz, fanless
Intel® Core I7-7500U, dual core, 2.7Ghz, fanless

Mainboard	CPU	Intel® Celeron J1900, quad core, 2.0GHz, fanless
	RAM	4GB
	SSD	32GB
Screen	Panel size	21.5"
	Resolution	1920*1080
	Brightness	400nits (cd/m <sup>2</sup> )
	Touchscreen	10 points Capacitive Touch
5 wires Resistive Touch Optional		
Power Supply	Working voltage	9V-36V wide voltage
Enclosure	Material	Aluminum Alloy
	Color	Grey
	VESA mounting	75x75mm
	IP grade	Front panel IP65 waterproof
Environment	Temperature	Operating: -20 to 60°C, storage: -30 to 70°C
	Relative humidity	10%~90% @ 30° C, non-condensing
Demision	Net weight	4kg
	Gross weight	5kg
	Product size	31.88x24.5x5.65cm
	Packing size	43x38x18cm
I/O Interfaces	3xUSB 2.0, 1xUSB 2.0, 1x built in USB SoftDog,	
	2x DB-9 COM1& COM2, RS232/422/485	
	2x 3 wire COM3 & COM4 RS232/485 Phoenix terminal	
	2x 3 wire COM5 & COM6 RS232	
	1xPhoenix terminal remote switch interface	
	1x AT/ATX switch	
	1x HDMI/Audio Line-out/ Power Button	
	1x 14 bit GPIO, 2x 8Ω 1W Amplifier out, 1x WIFI optional	
Expansion Slot	MINI-PCIE x 1, on board SIM card slot, support 3G/4G module	
	MINI-PCIE x 1, support WIFI/ Bluetooth	
Watchdog timer	1~255 second Programmable Setting	
OS	Support Windows 7/8/10, WES, Linux, Ubuntu, Debian, etc.	

Mountings	Embedded mounting screws
	Wall mounting brackets; Desk stand holder (optional)
Warranty	2-year free warranty