



## Features

- 1. Front **waterproof and dustproof design**
- 2. Aluminum alloy enclosure, more resistant to corrosion, shock and vibration
- 3. Adopting **EETI solution** + industrial-grade capacitive touch, high performance
- 4. DC 12V power supply (DC24V, 9-36V Optional), support power-on boot, 7x24hours
- 5. High brightness **1000nits** for outdoor application, 400nits Optional for indoor

## Specification

Mainboard	CPU	Intel® Core i5-3317U, 2.60GHz, Fanless/ <b>J1900/13/15/17</b>
	RAM	<b>2GB/4GB/8GB/16GB</b>
	SSD	<b>32GB/64GB/128GB/256GB/512GB</b>

Screen	Panel size	<b>10.1"</b>	
	Resolution	<b>1280*800 16:10</b>	
	Brightness	<b>1000nits (cd/m<sup>2</sup>)</b> (400nits or 1500nits Optional)	
	Touchscreen		<b>10 points Capacitive Touch</b>
			5 wires Resistive Touch Optional
	Surface Treatment		<b>Anti-glare Glass (Optional)</b>
			<b>Optical Bonding (Optional)</b>
	Dimming	<b>Auto-dimming with light sensor (Optional)</b>	
	Contrast ratio	800:1(Typ.)	
	View Angle	80°/80°/80°/80°(R/L/U/D)	
Surface Hardness	G+G ≥7H or ≥4=3H		
Working Life	≥50 million times		

Power Supply	Working voltage	<b>DC12V</b> (DC24V, 9-36V Optional)
Environment	Temperature	<b>Operating: -20°C to 70°C</b> , storage: -20°C to 70°C
	Relative humidity	10%~90% @ 30° C, non-condensing
Enclosure	Material	Aluminum Alloy+Back Metal
	Color	Black
	VESA mounting	75x75mm/100x100mm
Demision	IP grade	<b>Front IP65 waterproof</b>
	Net weight	2.5kg
	Gross weight	3.5kg
	Product size	/
	Packing size	380*360*120mm

I/O Interfaces		<b>1xHDMI, 1xVGA, 4xUSB, 1xLAN, 2xCOM, 1xWIFI, 1xDC12V</b>
		1xOn/Off, 1xAudio, 1xSpeaker
		1xDVI, 1x <b>4G Module</b> Optional
Accessories		1x12V 5A Adaptor, 1x Power Plug, 1xWall Mounting Bracket
OS		<b>Support Windows 7/8/10, WES, Linux, Ubuntu, Debian, etc.</b>
Mountings		Embedded mounting screws
		Wall mounting brackets; Desk stand holder (optional)
Warranty		<b>1-year free Warranty</b>

## Drawing

## Sizes

7" 8"	10.1" 10.4"	12.1"	13.3"	15"   15.6"	17" 17.3" 18.5"	19" 19" wide	21.5" 23.8" 24"
1024*600 1024*768	1280*800 1024*768	1024*768 1280*800	1920*1080	1024*768 / 1920*1080	1280*1024 1920*1080	1280*1024 1440*900	1920*1080
16:9 4:3	16:10 4:3	4:3 16:10	16:9	4:3   16:9	4:3 16:9	4:3 16:10	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