



**Features:**

1. Cordless motherboard design, high-end industrial panel PC
2. Fully enclosed design, the whole PC is dustproof.
3. Aluminum alloy shell, seamless design, front panel IP65 waterproof. Integrated heat sink on the back side, excellent heat dissipation.
4. With Rubber waterproof ring on the back side.
5. Industrial LCD panel, wide viewing angle, high nits, true color.
6. Adopt multi-points PCAP touch panel, high sensitive and fast-response. Covered with 2mm tempered glass for vandalproof.
7. 9V-36V wide voltage, 3 Pin Phoenix terminal, Shock - proof.
8. High performance motherboard, 7x24 continuous operation.

**PC**

CPU	Intel® Celeron J1900, 4 Cores, 4 Threads, Base 2.0 GHz, Turbo 2.4 GHz, 2MB Cache, Fanless
CPU optional	Intel® Core, i5-4278U, 2 Cores, 4 Threads, Base 2.6 GHz, Turbo 3.1 GHz, 3MB Cache, Fanless
CPU optional	Intel® Core, i7-4500U, 2 Cores, 4 Threads, Base 1.8 GHz, Turbo 3.0 GHz, 4MB Cache, Fanless
CPU optional	Intel® Core, i5-6260U, 2 Cores, 4 Threads, Base 1.8 GHz, Turbo 2.9 GHz, 4MB Cache, Fanless
CPU optional	Intel® Core, i5-6360U, 2 Cores, 4 Threads, Base 2.6 GHz, Turbo 3.1 GHz, 4MB Cache, Fanless
CPU optional	Intel® Core, i5-7267U, 2 Cores, 4 Threads, Base 3.1 GHz, Turbo 3.5 GHz, 4MB Cache, Fanless
CPU optional	Intel® Core, i5-7360U, 2 Cores, 4 Threads, Base 2.3 GHz, Turbo 3.6 GHz, 4MB Cache, Fanless
CPU optional	Intel® Core, i7-7560U, 2 Cores, 4 Threads, Base 2.4 GHz, Turbo 3.8 GHz, 4MB Cache, Fanless
CPU optional	Intel® Core, i5-8350U, 4 Cores, 8 Threads, Base 1.6 GHz, Turbo 3.4 GHz, 6MB Cache, Fanless
CPU optional	Intel® Core, i7-8550U, 4 Cores, 8 Threads, Base 1.8 GHz, Turbo 4.0 GHz, 8MB Cache, Fanless
Memory	J1900: Onboard DDR3 4G RAM Core 4gen of i5/i7: DDR3 SODIMM x1(Max 8G RAM) Core 6/7/8gen of i5/i7: DDR4 SODIMM x1(Max 16G RAM)
Storage	1x MSATA 1 x SATA(2.5' SATA) 1xM.2 (Core only)
Hard Drive Capacity Optional	SSD: 64G, 128GB, 256GB, 512G, 1TB, 2TB HDD: 500GB, 1TB, 2TB, 4TB
Graphics	CPU Integrated graphics HD Graphics and support 1080p HD photo quality
Audio	Realtek ALC662, High Definition Audio (HD), Line in, Line out
Network	2x GbE RJ45 Intel i211-AT (4x GbE RJ45 Intel i211-AT Optional)
Wireless Network	WIFI&Bluetooth And 4G LTE Module Optional

I/O Interface	J1900: 3xUSB 2.0, 1xUSB 3.0 Core 4/6/7/8 gen: 4x USB3.0
	2x DB-9 COM1& COM2, RS232/422/485
	2x3 wire COM3 & COM4 RS232/485 Phoenix terminal, 2x3 wire COM5 & COM6 RS232
	1xPhoenix terminal remote switch interface
	1x AT/ATX switch
	1x HDMI/Audio Line-out/ Power Button
	1x 14 bit GPIO optional
	2x 8Ω 1W Amplifier out 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
Operation System	Support Windows 7/8/10, Linux, Ubuntu, Debian, etc.

### LCD panel

Panel size	17.3"
Resolution	1920*1080
Aspect ratio	16:9
Support Color	16.7M colors
Brightness (cd/m <sup>2</sup> )	400 nits
Response time	5ms
Contrast ratio	600:1
View angle	80°/80°/60°/80° (R/L/U/D)

### Touch panel

Touchscreen Type	Project Capacitive Touch (10 points)
Touch response time	2ms
Luminousness	90%
Surface Hardness	7H
Working life	>50 million times
Touch options	(5 wire resistive touch optional)

### Power Supply

External Power Supply	AC 100-240V
Working voltage	9V-36V wide voltage
Power consumption	≤34W

Enclosure	
Material	Aluminum Alloy
Color	Grey
VESA mounting	75x75mm
IP grade	Front panel IP65 waterproof
Operating Environment	
Temperature Range	Operating: -20 to 60°C, storage: -30 to 70°C
Relative humidity	10%~90% @ 30° C, non-condensing
Vibration	5-500 Hz, 0.026 G <sup>2</sup> /Hz, 2.16 Grms, X, Y, Z, 1 hour per axis
Packing Details	
Net weight	5.5kg
Gross weight	7kg
Product Dimension	TBD
Packing size	53x47x18cm
Accessories	Power adapter, power cord, embedded screws, 2.5-inch hard drive holder
Other	
Mounting (options)	Embedded mounting screws
	Wall mounting brackets (optional)
	Desk stand holder (optional)
Warranty	2 years warranty
Certificate	CE, FCC, RoHS