



### Features:

1. Cordless motherboard design, high-end industrial panel PC.
2. Intel Celeron J4125/J6412/N100 or Intel Core 8th/10/11th Gen of i5/i7.
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. LCD+HDMI dual display, synchronous/asynchronous mode
7. Full flat touch screen, low power consumption, fanless.
8. 9V-36V Wide Voltage.
9. High performance motherboard, 7x24 continuous operation.

PC	
CPU	Intel® Celeron J4125, 4 Cores, 4 Threads, Base 2.0 GHz, Turbo 2.7 GHz, 4MB Cache, Fanless
CPU Optional	Intel® Celeron J6412, 4 Cores, 4 Threads, Base 2.0 GHz, Turbo 2.6 GHz, 1.5MB Cache, Fanless
CPU Optional	Intel® Core i5-8260U 4 Cores, 8 Threads, Base 1.6 GHz, Turbo 3.9 GHz, 6MB Cache, Fanless
CPU Optional	Intel® Core i5-8365U 4 Cores, 8 Threads, Base 1.6 GHz, Turbo 4.1 GHz, 6MB Cache, Fanless
CPU Optional	Intel® Core i7-8565U 4 Cores, 8 Threads, Base 1.8 GHz, Turbo 4.6 GHz, 8MB Cache, Fanless
CPU Optional	Intel® Core i7-8569U 4 Cores, 8 Threads, Base 2.8 GHz, Turbo 4.7 GHz, 8MB Cache, Fanless
CPU Optional	Intel® Core i5-10210U 4 Cores, 8 Threads, Base 1.3 GHz, Turbo 4.2 GHz, 8MB Cache, Fanless
CPU Optional	Intel® Core i5-10310U 4 Cores, 8 Threads, Base 1.7 GHz, Turbo 4.4 GHz, 8MB Cache, Fanless
CPU Optional	Intel® Core i7-10510U 4 Cores, 8 Threads, Base 1.8 GHz, Turbo 4.9 GHz, 8MB Cache, Fanless
CPU Optional	Intel® Core i7-10610U 4 Cores, 8 Threads, Base 1.8 GHz, Turbo 4.9 GHz, 8MB Cache, Fanless
CPU Optional	Intel® Core i5-1135G7/i5-1155G7, 4 Cores, 8 Threads, Base 2.4 GHz, Turbo 4.2 GHz, 8 MB Cache, Fanless
CPU Optional	Intel® Core i7-1165G7/i7-1195G7, 4 Cores, 8 Threads, Base 2.8 GHz, Turbo 4.7 GHz, 12 MB Cache, Fanless
CPU Optional	Intel® N100, 4 Cores, 4 Threads, Base 0.8 GHz, Turbo 3.3 GHz, 6MB Cache, Fanless
Memory	J4125: 1x DDR4 SODIMM, Max 8G DDR4 J6412: 1x DDR4 SODIMM, Max 16G DDR4 N100: 1x DDR5 SODIMM, Max 16G DDR5 Core i5/i7: 2x DDR4 SODIMM, Max 64G DDR4
Storage	1 x M.2 2242/2260/2280 SATA, 1 x SATA(2.5" SATA) , 1 x M.2 2280 NVME
Hard Drive Capacity	128GB, 256GB, 512GB, 1TB, 2TB, 4TB, SSD, 500GB, 1TB, 2TB, 4TB HDD Optional
Network	2x 2.5 GbE RJ45 Intel i225V (4 x 2.5GbE RJ45 Intel I225v Optional)
Wireless Network	WIFI/Bluetooth, 4G/5G, GPS Optional

I/O Interface	4 x USB2.0 , 2 x USB3.0 (J4125/J6412)
	2 x USB2.0 , 4 x USB3.0 (8th/10th/11th generation intel Core i5/i7)
	2x DB-9 COM1& COM2, RS232/422/485
	1x HDMI/Audio Line-out/ Power Button
	1x AT/ATX switch
	1 x Extended IO: 4x RS232(4x3 wire COM3&COM4&COM5&COM6), GPIOx10, 1x Remote Switch
	2x 8Ω 1W Amplifier out optional
Expansion slot	M.2 3042/3052 3G/4G/5G Module, onboard SIM Card Slot
	M.2 2230 WiFi Bluetooth
Watchdog timer	1 to 65535 seconds programmable setting
Operation System	Support Windows® 10/11, WES 10, LINUX, etc.
Support	TPM 2.0
Support	PXE Boot
Support	UUID

### LCD panel

Panel size	21.5"
Resolution	1920*1080
Aspect ratio	16:9
Support Color	16.7M colors
Brightness (cd/m <sup>2</sup> )	400
Response time	5ms
Contrast ratio	1000:1
View angle	89°/89°/89°/89° (R/L/U/D)

### Touch panel

Touchscreen Type	Project Capacitive Touch (10 points) (C)
	5 Wire Resistive Touch (R)
Touch response time	2ms
Luminousness	90%
Surface Hardness	7H
Working life	>50 million times (C), >20 million times (R)

### Power Supply

External Power Supply	AC 100-240V
Working voltage	9-36V DC Wide Voltage with 4PIN Aviation Connector
Power consumption	≤40W

### Enclosure

Material	Aluminum Alloy
Color	Grey
VESA mounting	75x75/100x100mm
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	6.5 kg
Gross weight	8 kg
Product Dimension	533.60x327.12x70.90 mm
Packing size	65x45x22 cm
Accessories	Power adapter, Power cord, Embedded screws, Phoenix terminal
Accessories optional	WIFI module, 3G/4G/5G module, VESA bracket

## Other

Mounting (options)	Embedded mounting screws
	Wall mounting brackets (optional)
	Desk stand holder (optional)
Warranty	2 years warranty
Certificate	CE, FCC, RoHS

## Product Dimension

