



### 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<br>J6412: 1x DDR4 SODIMM, Max 16G DDR4<br>N100: 1x DDR5 SODIMM, Max 16G DDR5<br>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                                                                               |
| <b>LCD panel</b>                |                                                                                    |
| Panel size                      | 15.6"                                                                              |
| Resolution                      | 1920*1080                                                                          |
| Aspect ratio                    | 16:9                                                                               |
| Support Color                   | 16.7M colors                                                                       |
| Brightness (cd/m <sup>2</sup> ) | 300                                                                                |
| Response time                   | 5ms                                                                                |
| Contrast ratio                  | 1000:1                                                                             |
| View angle                      | 85°/85°/85°/85° (R/L/U/D)                                                          |
| <b>Touch panel</b>              |                                                                                    |
| 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)                                       |
| <b>Power Supply</b>             |                                                                                    |
| External Power Supply           | AC 100-240V                                                                        |
| Working voltage                 | 9-36V DC Wide Voltage with 4PIN Aviation Connector                                 |
| Power consumption               | ≤30W                                                                               |

| 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           | 4.5 kg                                                       |
| Gross weight         | 6 kg                                                         |
| Product Dimension    | 402.76x252.19x65.3 mm                                        |
| Packing size         | 50x38x18cm                                                   |
| 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

