

### Product Highlight:

- Fanless system without cooling fan, Brushed Full Aluminum Alloy shell for heat dissipation, fit for industrial grade field, work as long as 24 hours.
- High-end Industrial PC less than 1% defective rate, super long life time and 2 years warranty.
- 2 Intel i201/i211 Gigabit RJ45 LANs, 6 DB9 COM, 4 COM support RS422/RS485, PS/2, GPIO and LPT rich interfaces for different equipments.
- One embedded SIM card slot onboard for 3G/4G Wi-Fi module.
- Support VGA + HDMI dual display output synchronously.
- Support Watchdog, AWAL, RTC, WOL, PXE, Reset functions.



### Basic Information:

|         |                                                                                |
|---------|--------------------------------------------------------------------------------|
| CPU     | Intel® Core™ 7 processor 250U 12M Cache, up to 5.40 GHz                        |
| TDP     | Refer to CPU                                                                   |
| BIOS    | American Megatrends Inc                                                        |
| Chipset | Refer to CPU                                                                   |
| Memory  | 2 x SO-DIMM DDR4 Slot<br>Support 4GB/8GB/16GB/32GB                             |
| OS      | Windows 7/Windows 8/Windows 10/Windows 11/Linux, WES7/10                       |
| PXE     | YES                                                                            |
| Audio   | Intel High Definition Audio Controller                                         |
| Network | Intel(R) i210/i211 Gigabit Network Connection<br>10/100Mbps/1000Mbps BaseT LAN |
| Video   | Refer to CPU                                                                   |

### Wi-Fi:

|         |                                                                                                                                           |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Module  | 1 x mini PCIE-half port for Wi-Fi/Bluetooth module<br>1 x mini PCIE-full port for 3G/4G module<br>1 x Extended IO, support LPC, USB, PCIE |
| Antenna | 2 x inner RF cables and 2 x external antennas                                                                                             |

### Power and Working Environment:

|                       |                                       |
|-----------------------|---------------------------------------|
| Input                 | DC100-240V AC/50-60Hz                 |
| Output                | DC +9V~+36V, recommend 12V/5A         |
| Operating Temperature | -20/+60 Cen grade                     |
| Storage Temperature   | -30/+70 Cen grade                     |
| Storage Humidity      | 10%~90%@30 Cen grade (non-condensing) |

### Input/output port:

|         |                                                                                |
|---------|--------------------------------------------------------------------------------|
| Switch  | 1 x Power On/OFF Switch                                                        |
| Power   | 1 x 3pin phoenix terminal power supply input, support 9~36V                    |
| Button  | 1 x ATX/AT quick switch                                                        |
| USB     | 4 x USB3.0, 2 x USB2.0                                                         |
| PS/2    | 1 x PS/2(keyboard and mouse 2 in 1)                                            |
| Display | 1 x VGA, 1 x HDMI                                                              |
| LAN     | 2 x Intel GbE RJ45 LAN                                                         |
| COM     | 6 x DB9 COM(4xCOM support RS422/RS485)                                         |
| GPIO    | 1 x GPIO( 7pin input, 7pin output)                                             |
| LPT     | 1 x LPT ( optional )                                                           |
| Audio   | 1 x MIC, 1 x SPK                                                               |
| SIM     | 1 x embedded SIM card slot onboard                                             |
| Others  | 1 x Reset, 1 x CMOS clear button, 1 x 2pin Phoenix terminal power supply input |

### Storage:

|       |                                                     |
|-------|-----------------------------------------------------|
| MSATA | 1 x M-SATA3.0 SSD<br>1 x M.2 SSD                    |
| SATA  | 1 x SATA3.0 slot for SATA HDD or SSD, support 6Gb/s |

### Product Dimension & Details:

|              |                                                                 |
|--------------|-----------------------------------------------------------------|
| Size         | 249*150*86mm                                                    |
| Weight       | NW 2.2KG, GW 3.5KG                                              |
| Shell        | Black color aluminum alloy(any customized color for bulk order) |
| Mounting     | 4 mounting holes on case                                        |
| Cooling Mode | Fanless                                                         |
| Functions    | Watchdog, One key reset, AWAL, RTC, WOL(ATX mode)               |

### Package Content:

|          |                                                                |
|----------|----------------------------------------------------------------|
| Standard | 1xMini PC, 1xPower Adapter, 1xPower Cord, 1xScrews Bag         |
| Optional | Wi-Fi antennas, 1xHDMI cable, 1xUser Manual, 1xLong Screws Bag |

