

# K5-F24 Industrial Mini PC

Intel Core I5-1155G7



Parameter list

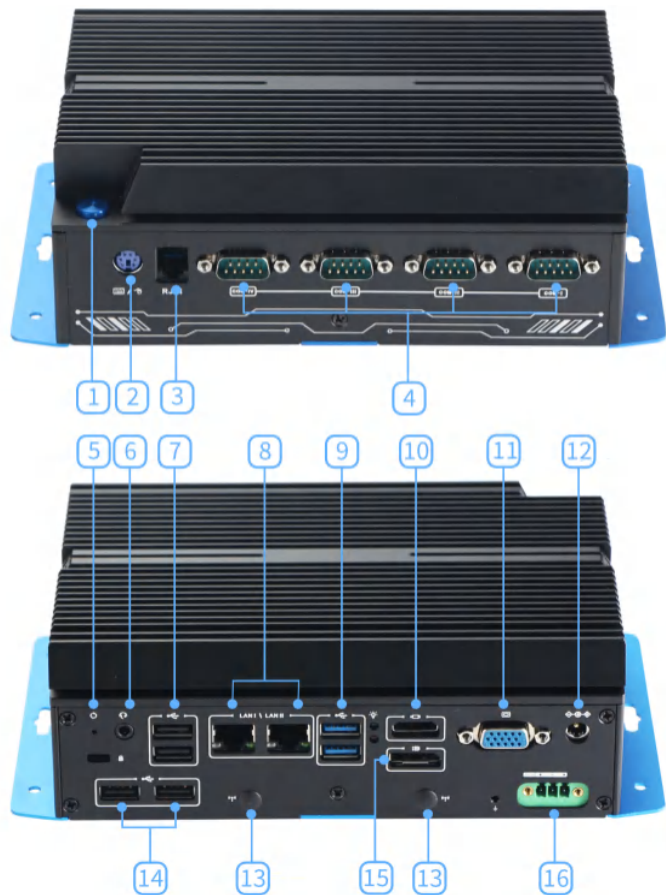
|                       |                                                                                                                                                                                                                                                                                                                                                                                      |                                            |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| CPU                   | Intel Core I5-1155G7 2.50 GHz-4.50 GHz                                                                                                                                                                                                                                                                                                                                               |                                            |
| Cores/Threads         | 4 Cores / 8 Threads                                                                                                                                                                                                                                                                                                                                                                  |                                            |
| Cache                 | 8 MB Intel® Smart Cache                                                                                                                                                                                                                                                                                                                                                              |                                            |
| TDP                   | 28W                                                                                                                                                                                                                                                                                                                                                                                  |                                            |
| Architecture          | Tiger Lake                                                                                                                                                                                                                                                                                                                                                                           |                                            |
| Memory                | 2*SO-DIMM DDR4 slot, max support 32G                                                                                                                                                                                                                                                                                                                                                 |                                            |
| Storage               | SSD (M.2 2280 SATA/NVME)                                                                                                                                                                                                                                                                                                                                                             |                                            |
|                       | Optional HDD/SSD (supports expansion of a 2.5-inch hard drive)                                                                                                                                                                                                                                                                                                                       |                                            |
| Audio Card            | HD Audio realtek ALC 897                                                                                                                                                                                                                                                                                                                                                             |                                            |
| Graphics              | Intel® Iris® Xe Graphics                                                                                                                                                                                                                                                                                                                                                             |                                            |
| Network               | 1 *Realtek 8111H Gigabit interface & 1* Intel I226-V network cards                                                                                                                                                                                                                                                                                                                   |                                            |
| Extendable            | WIFI+BT Module (M.2 PCIE), support 4G / 5 G module with available sim slot                                                                                                                                                                                                                                                                                                           |                                            |
| OS Support            | Windows 10、 11 & Linux                                                                                                                                                                                                                                                                                                                                                               |                                            |
| I/O Ports             | 2*USB3.0、 4*USB2.0、 4*COM、 1*HDMI、 1*DP、 1*VGA、 2*Ethernet、 1*RJ11、 1*PS2 、 1*DC、 1* Audio IN & OUT、 1*Phoenix connector                                                                                                                                                                                                                                                             |                                            |
| Built-in socket       | 1 * 2PIN PW Phoenix Terminal ; 1 * 12-1 pin TPM2.0 pin ; 2 * 6PIN M. 2 hard disk mode switch PIN ; 2 * 4PIN switch and indicator lamp pin ; 3 * 9PIN USB2.0 pin ; 1 * 4PIN CPU pin ; 1 * 4PIN SATA extended hard disk 5V power supply interface ; 1 * 4PIN SPK power amplifier pin ; 1 * JATX-AT pin ; 1 * 3PIN JP1 jump RJ11 voltage pin ; 2 * 5PIN GPIO pin ; RS232/485 switch pin |                                            |
| Display mode          | Supports Triple display (HDMI+VGA+DP) Copy mode and Extended mode<br>HDMI Max Resolution: 4096*2304@60HZ ; DP Max Resolution: 7680*4320@60HZ ;<br>Max Resolution(VGA): 1920*1080@60HZ                                                                                                                                                                                                |                                            |
| Boot Mode             | Power-on self-start/UEFT PXE/network wake-up/timing switches are supported                                                                                                                                                                                                                                                                                                           |                                            |
| Intel Virtualization  | Support VT-x,VT-d                                                                                                                                                                                                                                                                                                                                                                    |                                            |
| Intel Hyper-Threading | Support                                                                                                                                                                                                                                                                                                                                                                              |                                            |
| Working Environment   | Temperature : -10~60 °C                                                                                                                                                                                                                                                                                                                                                              | Relative Humidity: 0~95% (No Condensation) |
| Working Voltage       | DC 12V - 5A                                                                                                                                                                                                                                                                                                                                                                          |                                            |
| Static Electricity    | Contact discharge 2K, Air discharge 6K                                                                                                                                                                                                                                                                                                                                               |                                            |
| Storage Environment   | Temperature: -10~60 °C                                                                                                                                                                                                                                                                                                                                                               | Relative Humidity: 0~95% (No Condensation) |

BIOS Function

2

# K5-F24 Industrial Mini PC

Intel Core I5-1155G7



|                  |                                                                                       |                                |                           | I/O Port                |
|------------------|---------------------------------------------------------------------------------------|--------------------------------|---------------------------|-------------------------|
|                  | 01                                                                                    | Power ON/OFF                   | 02                        | PS2                     |
|                  |                                                                                       |                                | 03                        | RJ11                    |
|                  | 04                                                                                    | COM*4 (RS232/485)              | 05                        | RESET                   |
|                  |                                                                                       |                                | 06                        | AUDIO(2-in-1 audioport) |
|                  | 07                                                                                    | USB2.0*2                       | 08                        | Ethernet*2              |
|                  |                                                                                       |                                | 09                        | USB3.0*2                |
|                  | 10                                                                                    | HDMI                           | 11                        | VGA                     |
|                  |                                                                                       |                                | 12                        | DC 12V                  |
|                  | 13                                                                                    | WIFI                           | 14                        | USB2.0*2                |
|                  |                                                                                       |                                | 15                        | DP                      |
|                  | 16                                                                                    | Phoenix Connector              |                           |                         |
| Size             | L 217mm*W 125mm*H 67mm                                                                |                                | Weight                    | 1.3KG                   |
|                  |                                                                                       |                                | Gross                     | 1.8KG                   |
| Specification    |                                                                                       |                                |                           |                         |
| Features         | Use aluminum alloy shell, industrial style, heavy and solid, unique appearance design |                                |                           |                         |
| Heat Dissipation | Passive cooling (natural heat dissipation)                                            |                                |                           |                         |
| Bracket          | Dedicated bracket; Support VESA bracket                                               |                                |                           |                         |
| Packing Box      | Kraft paper color box + Anti-fall corrugated outer box                                |                                |                           |                         |
| Packing List     | Power Adapter * 1<br>User Manual * 1                                                  | Power Cable * 1<br>QA Card * 1 | Bracket * 1<br>Screws * 1 |                         |