



- **Key Benefit**
- Multi-Monitor Workstation – Trading, Design, Control Room
- Industrial Control – SCADA, HMI, Factory Automation
- Edge Computing – AI Processing, IoT Gateway
- Network Infrastructure – Router, Firewall, SD-WAN
- Digital Signage – 4K Multi-display advertising

## Specification

|                               |                                            |
|-------------------------------|--------------------------------------------|
| <b>CPU Model</b>              | Intel Core i5-1155G7                       |
| CPU Frequency                 | 2.50GHz – 4.50GHz (Turbo Boost)            |
| Cores/Threads                 | 4 Cores / 8 Threads                        |
| Cache                         | 8 MB Intel Smart Cache                     |
| TDP                           | 28W                                        |
| Architecture                  | Tiger Lake (11th Generation)               |
| Hyper-Threading               | Supported                                  |
| Intel Virtualization          | Support VT-x, VT-d                         |
| <b>MEMORY &amp; STORAGE</b>   |                                            |
| Memory Type                   | DDR4                                       |
| Memory Slots                  | 2× SO-DIMM DDR4 slots                      |
| Maximum Memory                | 32GB                                       |
| Primary Storage               | SSD (M.2 2280 SATA/NVME)                   |
| Secondary Storage             | Optional HDD                               |
| Storage Features              | M.2 NVME/SATA compatibility mode switching |
| <b>GRAPHICS &amp; DISPLAY</b> |                                            |
| Graphics                      | Intel Iris Xe Graphics                     |
| Display Support               | Triple Display (HDMI + VGA + DP)           |
| Display Modes                 | Clone mode and Extended mode               |

|                                   |                                               |
|-----------------------------------|-----------------------------------------------|
| VGA Resolution                    | Standard VGA output                           |
| HDMI Resolution                   | Max 4096×2304@60Hz                            |
| DisplayPort Resolution            | Max 4096×2304@60Hz                            |
| <b>AUDIO SYSTEM</b>               |                                               |
| Audio Controller                  | HD Audio Realtek ALC 897                      |
| Audio Ports                       | Audio IN & OUT (separate ports)               |
| <b>NETWORK &amp; CONNECTIVITY</b> |                                               |
| Ethernet                          | 2× Gigabit LAN (Realtek 8111H + Intel I226-V) |
| Wireless Module                   | WiFi + BT Module (M.2 PCIe)                   |
| Cellular Module                   | 4G/5G Module support                          |
| SIM Card                          | SIM Card Slot included                        |
| Advanced Features                 | Intel I226-V enterprise network card          |
| <b>I/O PORTS</b>                  |                                               |
| USB 2.0                           | 2× USB 2.0 ports                              |
| USB 3.0                           | 2× USB 3.0 ports                              |
| Display Outputs                   | 1× HDMI, 1× DisplayPort, 1× VGA               |
| Network                           | 2× LAN (Dual Gigabit)                         |
| Industrial COM                    | 4× COM ports                                  |
| Legacy Ports                      | 1× PS2, 1× RJ11                               |
| Power                             | 1× DC Power Input                             |
| Audio                             | Separate Audio IN & OUT                       |
| Antenna                           | WiFi Antenna connector                        |

|                                   |                                                           |
|-----------------------------------|-----------------------------------------------------------|
| <b>BUILT-IN EXPANSION SOCKETS</b> |                                                           |
| Storage Expansion                 | 1× M.2 M KEY 2280 slot (NVME/SATA switchable)             |
| Wireless Expansion                | 1× M.2 E KEY 2230 slot (WiFi/Bluetooth)                   |
| Cellular Expansion                | 1× M.2 PCIe slot (4G/5G with SIM slot)                    |
| Power Management                  | 1× 2PIN PW_IN Phoenix terminal, 1× TPM2.0 pin             |
| Storage Control                   | 2× M.2 hard disk mode switching pins                      |
| System Control                    | 2× switch and indicator light pins, 1× JATX-AT pin        |
| USB Expansion                     | 3× USB2.0 pins, 1× CPU_FAN pin                            |
| Audio Expansion                   | 1× SPK power amplifier pin                                |
| Storage Power                     | 1× SATA expansion 5V power supply interface               |
| GPIO & Serial                     | 2× GPIO pins, RS232/485 switching pins                    |
| RJ11 Control                      | 1× JP1 jumper RJ11 voltage pin                            |
| I/O Controller                    | Fintek F81966d-I                                          |
| <b>BIOS &amp; FEATURES</b>        |                                                           |
| Boot Options                      | UEFI PXE (I226-V), Auto-power-on, WDT, Scheduled-power-on |
| Virtualization                    | Intel VT-x, VT-d support                                  |

|                                |                                                         |
|--------------------------------|---------------------------------------------------------|
| <b>OPERATING SYSTEM</b>        |                                                         |
| OS Support                     | Windows 10/11, Linux                                    |
| <b>PHYSICAL SPECIFICATIONS</b> |                                                         |
| Dimensions                     | L 197.4mm × W 126.3mm × H 47.5mm                        |
| Weight (Net)                   | 1.0 kg                                                  |
| Weight (Gross)                 | 1.8 kg                                                  |
| Construction                   | Aluminum alloy shell, industrial style, heavy and solid |
| Heat Dissipation               | Built-in fan cooling                                    |
| Design Features                | Unique appearance design                                |
| Mounting                       | Dedicated bracket, VESA bracket support                 |
| <b>POWER &amp; ENVIRONMENT</b> |                                                         |
| Power Input                    | DC 12V – 5A                                             |
| Working Temperature            | -10°C to 60°C                                           |
| Working Humidity               | 0% – 95% (No Condensation)                              |
| Storage Temperature            | -10°C to 60°C                                           |
| Storage Humidity               | 0% – 95% (No Condensation)                              |
| Static Electricity             | Contact discharge 2K, Air discharge 6K                  |
| <b>PACKAGE CONTENTS</b>        |                                                         |
| Packaging                      | Kraft paper color box + Anti-fall corrugated outer box  |
| Power Accessories              | Power Adapter × 1, Power Cable × 1                      |
| Mounting Hardware              | Bracket × 1, Screws × 1                                 |
| Documentation                  | User Manual × 1, QA Card × 1                            |



### I/O Port

- 01 PS2
- 02 RJ11
- 03 COM\*4
- 04 Audio IN/OUT
- 05 USB2.0\*2
- 06 LAN
- 07 LAN
- 08 USB3.0\*2
- 09 Indicator Light
- 10 HDMI
- 11 DP
- 12 VGA
- 13 DC 12V
- 14 Wifi Antenna