

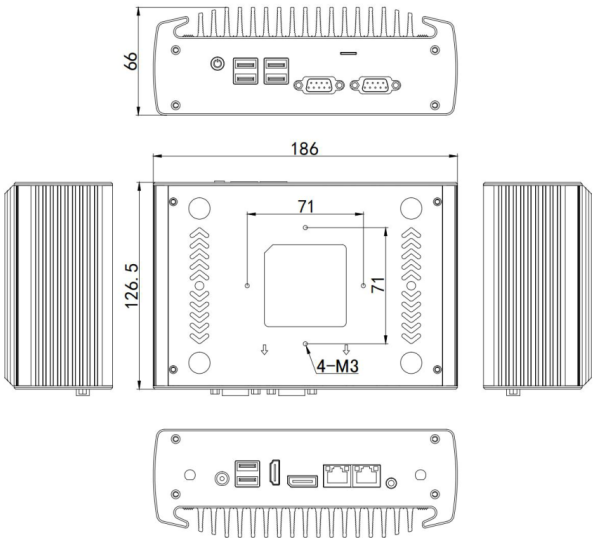
# ALPHA-IW10-i5-S2

## Embedded System



### Features

- Aluminum structure, fanless design
- Onboard the 10<sup>th</sup> Gen Intel® Core™ i5 Processor
- TPM2.0 security encryption function (optional)
- Support Windows 11
- Support 1 x DDR4 memory slot (Max. Support 32GB)
- Support 1 x M.2 2280 slot, 1 x 2.5" HDD
- Support 2 x COM (COM1, COM2 RS232 or RS485 mode optional)
- Support DC 12V Input
- Support OS: Windows 10, Windows 11, Linux



### PACKING LIST

Power Adapter (12V5A) | Power Cord | CD Driver | VESA Bracket

### Specifications

|                     |                                                                                                                                                          |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Colour              | Black                                                                                                                                                    |
| Material            | High-quality aluminum (anodic oxidation)                                                                                                                 |
| Processor           | Onboard Intel Core i5 10210U (Quad core eight threads, 1.6GHz, Max turbo 4.2GHz, Cache 6MB)                                                              |
| RAM                 | Support 1 x DDR4 2666/2933 SODIMM RAM Slot (Max. Support 32GB)                                                                                           |
| BIOS                | AMI EFI BIOS                                                                                                                                             |
| Display Chip        | 10th Gen Intel® Core™ Ultra Core Graphics Card                                                                                                           |
| Display Port        | 1 x DP   1 x HDMI                                                                                                                                        |
| Front I/O           | 2 x COM (COM1, COM2 RS232 or RS485 Mode Optional)<br>4 x USB3.0<br>1 x Power Switch<br>1 x SIM Slot                                                      |
| Rear I/O            | 1 x DC<br>2 x USB2.0<br>1 x HDMI<br>1 x DP<br>2 x Intel 1000M LAN<br>1 x Audio (Support Mic and Speaker at the same time)                                |
| Expansion Slot      | Support 1 x M.2 2280 M-Key Slot (Support SATA protocol and NVME protocol)<br>Support 1 x MINI PCIE Slot (WIFI/3G/4G Optional)<br>SIM Slot on front plate |
| Network             | 2 x Intel i211-AT 10/100/1000M LAN                                                                                                                       |
| Storage             | Support 1 x M.2 2280 Slot<br>Support 1 x 2.5" HDD Slot<br>Support RAID 0/1                                                                               |
| Power Supply        | Support DC 12V Input                                                                                                                                     |
| Other Functions     | Auto power on when there is electricity<br>Timing boot   Wake on LAN   PXE boot<br>Watchdog (0~255 level) TPM2.0 security encryption                     |
| Working Temperature | 0°C ~ +40°C (Commercial HDD)<br>-20°C ~ +50°C (Industrial SSD)<br>Surface air flow                                                                       |
| Working Humidity    | 5% ~ 95% non-condensing                                                                                                                                  |
| Dimensions          | 186 x 126.5 x 66mm                                                                                                                                       |
| Net Weight          | 1.3kg                                                                                                                                                    |

\*All product specifications and product images are subject to change without notice.

### APPLICATIONS

Business Office | HD Video Playback | Electronic Education | Industrial Automation etc.

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