

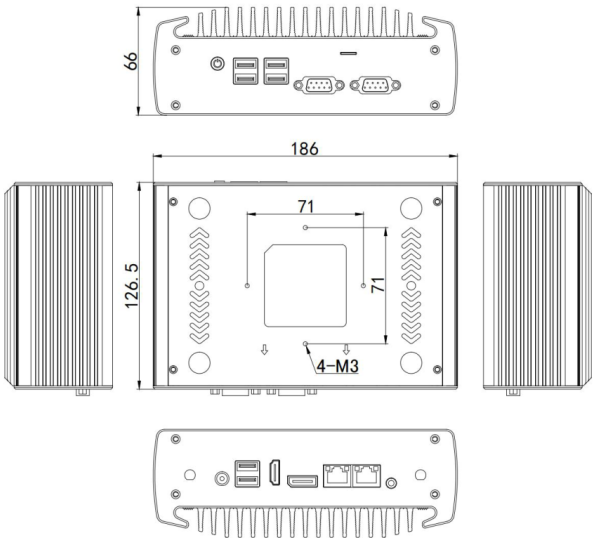
ALPHA-IW10-i7-S2

Embedded System



Features

- Aluminum structure, fanless design
- Onboard the 10th Gen Intel® Core™ i7 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 i7 10810U (Six core twelve threads, 1.1GHz, Max turbo 4.9GHz, Cache 12MB)
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) 4 x USB3.0 1 x Power Switch 1 x SIM Slot
Rear I/O	1 x DC 2 x USB2.0 1 x HDMI 1 x DP 2 x Intel 1000M LAN 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) Support 1 x MINI PCIE Slot (WIFI/3G/4G Optional) SIM Slot on front plate
Network	2 x Intel i211-AT 10/100/1000M LAN
Storage	Support 1 x M.2 2280 Slot Support 1 x 2.5" HDD Slot Support RAID 0/1
Power Supply	Support DC 12V Input
Other Functions	Auto power on when there is electricity Timing boot Wake on LAN PXE boot Watchdog (0~255 level) TPM2.0 security encryption
Working Temperature	0°C ~ +40°C (Commercial HDD) -20°C ~ +50°C (Industrial SSD) 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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