



Features:

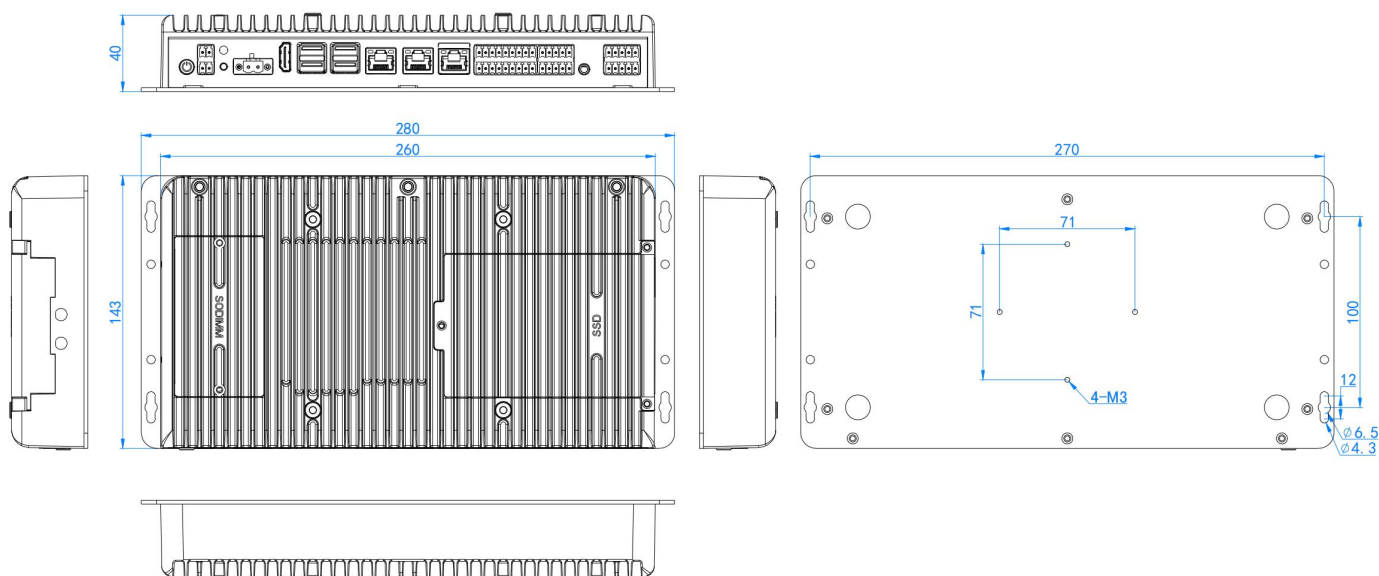
- ◇ All-aluminum alloy structure, fanless System;
- ◇ Onboard Intel Alder Lake series processor;
- ◇ Onboard 9 ~ 36V wide voltage input and TPM2.0
- ◇ Supports 6 *COM, COM1~2:RS485 with isolation ;
- ◇ Application: Edge AI Computing, Machine Vision, Factory Automation;
- ◇ Highlights: 4cm height, ideal for limited space;
- ◇ Operating Temperature: -20°C ~ 60°C Wide Operating Temperature
- ◇ Systems: Windows 10 IoT, Windows 11 (IoT/Professional), Linux



Specifications

Model Number	Pataker I10 Industrial Computer
chassis color	Titanium Gray
Chassis Material	Aluminum alloy casing
Processor	Onboard Intel Core i5-1235U (10 cores , 12 threads, base clock speed 1.3 GHz , turbo boost 4.4 GHz) Onboard Intel Core i7-1255U (10 cores , 12 threads, base clock speed 1.7 GHz , turbo boost 4.7 GHz);
Memory	Onboard 1*DDR 5 4800MHz SODIMM memory slot, up to 32GB.
BIOS	AMI EFI BIOS
Display chip	Integrated Intel UHD Graphics
Display Interface	1* HDMI
Front panel I/O ports	2* Intel Gigabit Ethernet port, 1* Intel 2.5G Ethernet port, 4* USB 3.2, and 1*HDMI
	6*COM ports COM1~2: RS485 mode with isolation; COM3~4: RS232/485 mode is optional; COM5~6: RS232;
	1* power button, custom interface, 1*CMOS clear button , 1* audio/video combo port, and GPIO (4 inputs and 4 outputs).
	One 2*2pin Phoenix switch terminal , 1*DC power supply Phoenix terminal.
Expansion slots	2*M.2 2280 slots(1*NVME X1/ SATA protocol, 1*NVME X 4 protocol only).
	1*MINI PCIe slot (optional WIFI/3G/4G), onboard a SIM card slot.
	1* M.2 E-Key slot(M.2 CNVio2: WIFI6)
	Expandable interface (not included in standard shipment) : GPIO (8 inputs, 8 outputs)
Network interface	2* Intel i210-AT 10/100/1000M Ethernet ports, 1* Intel i226-LM Ethernet port
Storage interface	2*M.2 2280 slots (1*NVME X1/ SATA protocol, 1* NVME X 4 protocol only) and 1* 2.5-inch SSD/HDD, Support RAID 0/1;
Input voltage	DC 9 ~ 36V wide voltage input, supports reverse polarity protection
Other functions	TPM2.0 security encryption, power-on, timed power-on, wake-up from network, PXE boot, watchdog (0) ~ Level 255)
Operating temperature	0 °C ~ +50 °C (commercial HDD), -20 °C ~ +60 °C (industrial SSD), surface airflow
Operating humidity	5 % ~ 95% Non-condensing state
Certification	CE/CCC/FCC Class A/RoHS
Dimensions	280 * 143 * 40 mm
Total weight	1.45 kg
Application areas	Edge AI Computing, Machine Vision,Factory Automation

Five-view drawing



Packing List

Item	QTY	Specification
power adapter	1	Optional 12V 5A
		Recommended 12V 7.5A
power cord	1	Chinese standard, American standard, British standard, etc. are available.
Certificate of Conformity	1	Neutral
Warranty card	1	Neutral

Optional Information

Configuration 1	Partaker I10	Intel i5 1235U	Standard configuration
Configuration 2		Intel i7 1255U	Standard configuration