

AC-1131

- Desktop High Performance CPU
- Control cabinet Industrial PC

■ Features

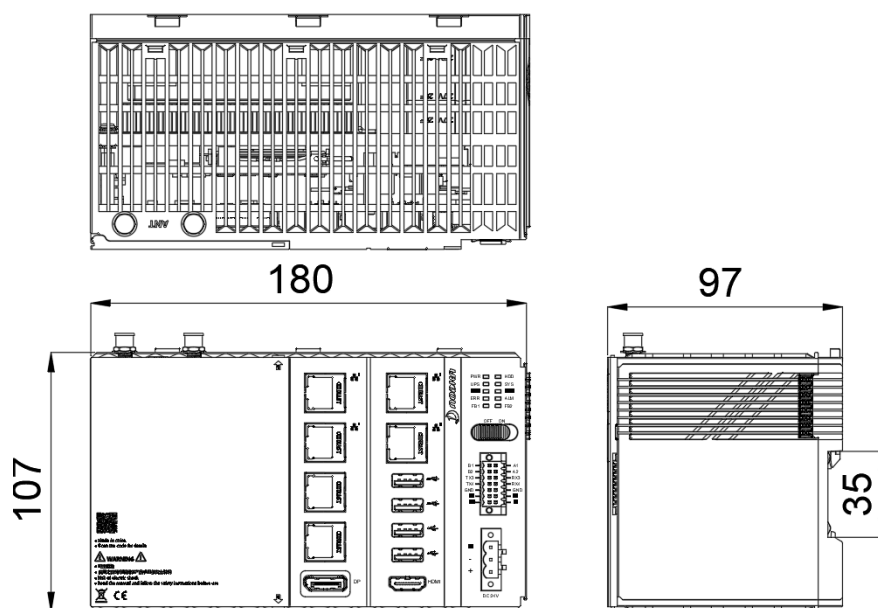
- Support Intel® Core™ 12th/13th generation i5/i3 high performance processors
- 5 x Intel i210-AT LAN controller
- 1 x EtherCAT OUT
- 2 x USB3.0, 2 x USB2.0
- 2 x RS485, 2 x RS232
- 1 x miniPCIE expansion slot, support Wifi/3G/4G modules
- 5 x Programmable LEDs
- HDMI/DP Display
- DC24V power supply with overcurrent, overvoltage and polarity inverse protection



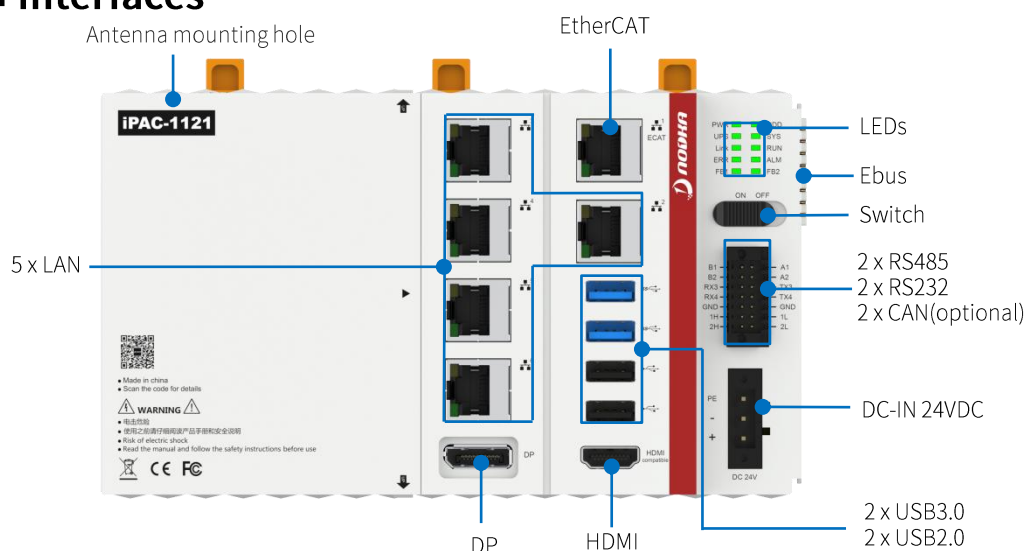
■ Specifications

Model Name		AC-1131
System	CPU	Intel Core 12/13th generation i5/i3 high performance processors
	TDP	65W
	BIOS	AMI UEFI BIOS
	Memory	2 x SO-DIMM DDR4-3200MHz, max up to 32GB
	Storage	1 x M.2(B Key, Type 2242) bay support SATA
	USB	2 x USB3.0, 2 x USB2.0
		1 x USB2.0 Type A on the board for USB dongle
	COM	2 x RS485(COM1/COM2), up to 115.2kbit/s
		2 x RS232(COM3/COM4), up to 115.2kbit/s
	CAN	2 x CAN Bus 2.0A/B(Optional)
	Ethernet	5 x Intel i210-AT LAN controller
	EtherCAT OUT	1 x RJ45
	IO Expansions	E-BUS
	Expansions	1 x Full-size PCIe Mini slot with SIM card holder
	LEDs	1 x POWER, 1 x HDD, 1 x UPS, 1 x SYS, 1 x EC-LINK
		5 x Programmable LEDs(1 x Run, 1 x Error, 1 x ALM, 2 x FB)
	Switch	1 x Programmable Switch
	HDMI	Support up to 1920 x 1080 @60Hz
	DP	Support up to 4096 x 2160 @60Hz
	Watch Dog	1~255 levels programmable
OS Support	Microsoft Windows	Windows 10
	Linux	Ubuntu, CentOS, Debian
Power	Voltage Input	DC24V -15%/+20%, overcurrent, overvoltage and polarity inverse protection, Super capacitors integrated, Full load for 10s.
	Power Consumption	Max. 120W
Chassis	Dimensions	(L)180mm x (W)107mm x (H)97mm
	Net Weight	1.25Kg
Environment	Work Temperature	-20°C ~ 60°C (-4°F~140°F) with air flow (SSD)
	Storage Temperature	-40°C ~ 80°C (-40°F ~ 176°F) with air flow (SSD)
	Relative Humidity	5~95% (Non-condensing)
	Operating Vibration	5~500Hz, 1.5Grms@with SSD, Follow IEC60068-2-64
	Operating Shock	20G peak acceleration(11ms duration) with SSD, Follow IEC60068-2-27
EMC		CE/FCC

■ Dimensions (Unit: mm)



■ Interfaces



■ Ordering Information

Part No.	Product	Description
B73.11311.00.0001	AC-1131	CPU:NULL, RAM:NULL, M.2: NULL, 2 x RS485, 2 x RS232, 5 x LAN, 1 x EtherCAT, 2 x USB3.0, 2 x USB2.0, 5 x LEDs, 1 x Switch, 2 x CAN2.0(Optional), HDMI/DP display, DC24V DC IN

■ Options

Parts	Description
CPU	i3-12100T,i3-12100,i3-13100T,i3-13100 i5-12400T,i5-12400,i5-12500T,i5-12500,i5-12600T,i5-12600,i5-13400T,i5-13400,i5-13500T,i5-13500,i5-13600T,i5-13600
DDR4 Memory	DDR4-3200MHz: 4GB,8GB, 16GB
M.2 SSD	64GB, 128GB, 256GB, 512GB, 1TB
Wifi Set	mini PCIE: Intel 7260
3G/4G Module	mini PCIE: EC20, EG25, EC25
CAN Module	mini PCIE: MCU-CAN