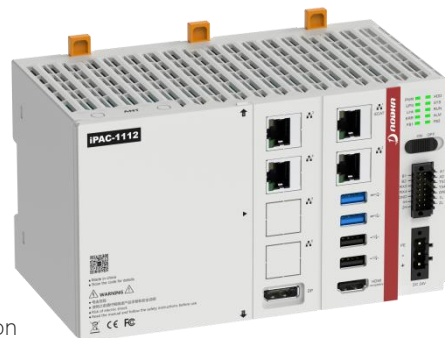


AC-1112

- Agile Controller
- Compact, Fanless, Low power consumption

■ Features

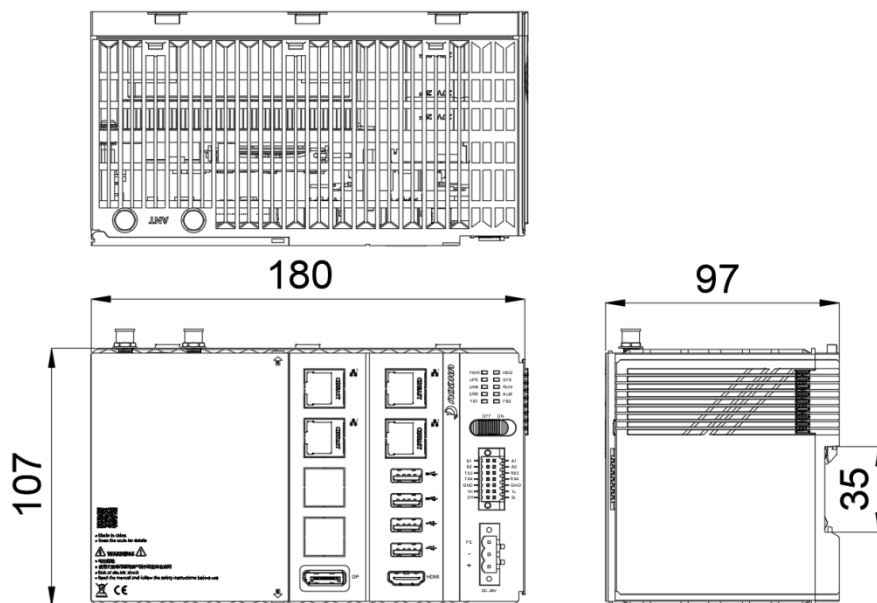
- 3 x Intel i210-AT LAN controller
- 1 x EtherCAT OUT
- 2 x USB3.0, 2 x USB2.0
- 2 x RS485, 2 x RS232
- 1 x miniPCIE expansion slot, support Wifi/3G/4G modules
- 5 x Programmable LEDs
- HDMI/DP Display
- DC24V power supply with overcurrent, overvoltage and polarity inverse protection



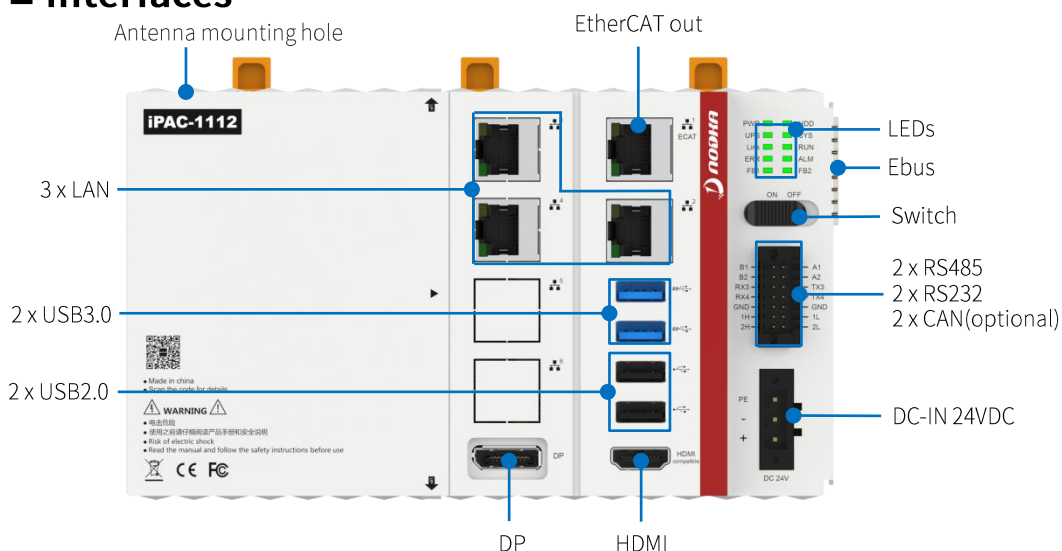
■ Specifications

Model Name		AC-1112-J6412	AC-1112-N97
System	CPU	Intel® Celeron J6412, 2.0GHz, 4 cores/4 threads, 1.5MB L2 cache	Intel® Celeron N97, 4 cores, 6MB Intel® Smart Cache
	TDP	10W	12W
	BIOS	AMI UEFI BIOS	
	Memory	1 x SO-DIMM DDR4-3200MHz, max up to 16GB	
	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), max up to 115.2kbit/s	
		2 x RS232(COM3/COM4), max up to 115.2kbit/s	
	CAN	2 x CAN Bus 2.0A/B(Optional)	
	Ethernet	3 x Intel i210-AT LAN controller	
	EtherCAT	1 x RJ45, EtherCAT out	
	IO Expansions	E-BUS	
	Expansions	1 x Full-size PCIe Mini slot with SIM card holder	
		1 x POWER, 1 x HDD, 1 x UPS, 1 x SYS, 1 x EC LINK	
	LEDs	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 3840 x 2160 @60Hz	
	DP	Support up to 3840 x 2160 @60Hz	
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. 60W	Max. 90W
Chassis	Dimensions	(L)180mm x (W)107mm x (H)97mm	
	Net Weight	1.1Kg	
	Installation Method	DIN-Rail complies with IEC 60715 (width: 35 mm, thickness: 1 mm)	
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
B73.11121.00.0001	AC-1112-J6412	CPU:J6412, RAM:NULL, M.2: NULL, 2 x RS485, 2 x RS232, 3 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
B73.11121.00.0002	AC-1112-N97	CPU:N97, RAM:NULL, M.2: NULL, 2 x RS485, 2 x RS232, 3 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
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