

NP-6111-JH4

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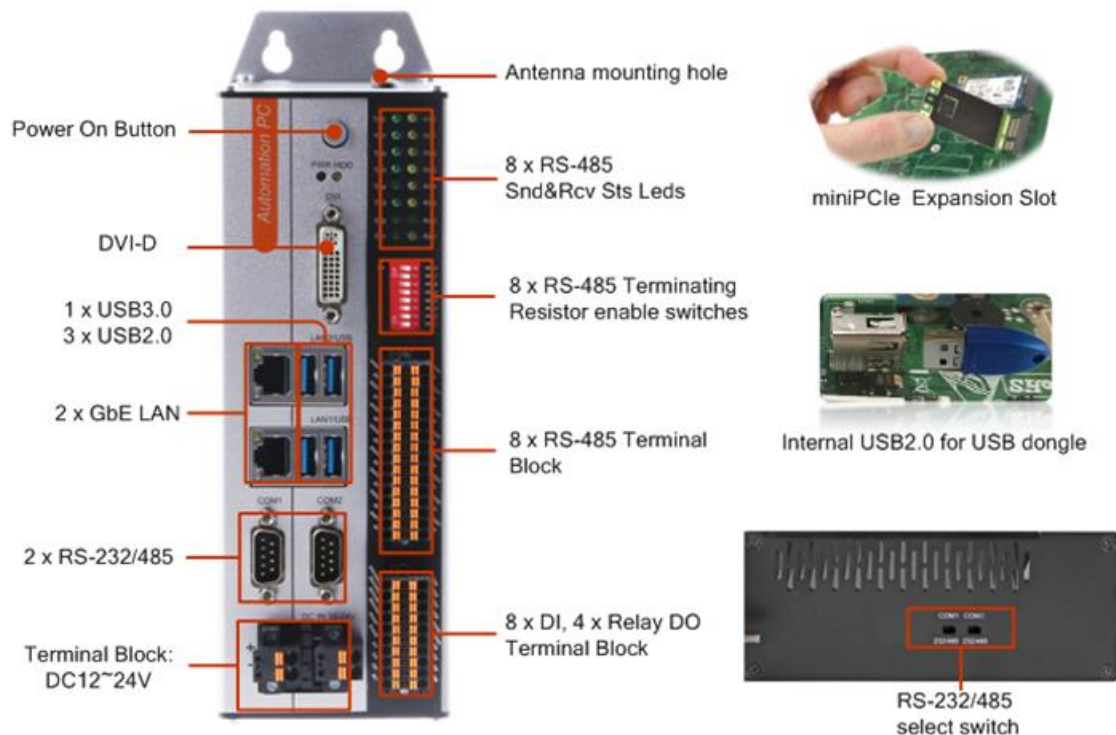
- Fanless, low power consumption
- Book style, Control cabinet Industrial PC
- 2 x RS232/RS485, 8 x RS485, 8 x DI, 4 x Relay DO

■ Features

- Intel® Celeron J1900, 2.0GHz, 4 cores low power consumption processor
- 2 x Intel I210-AT Gbe LAN controller
- 1 x USB3.0, 3 x USB2.0, 1 x USB2.0 on board for USB dongle
- 2 x RS-232/485(DB9) , 8 x RS-485(Phoenix connectors), RS-485 support auto flow control
- 8 x DI, 4 x Relay DO
- 1 x miniPCIE expansion slot , Support Wifi,3G/4G modules
- DC12~24V Power supply with overcurrent, overvoltage and polarity inverse protection
- Book style and support wall-mounted, small size
- Fully enclosed structure, fanless and no cable design
- Wide operating temperature -20 ~ 60°C supported



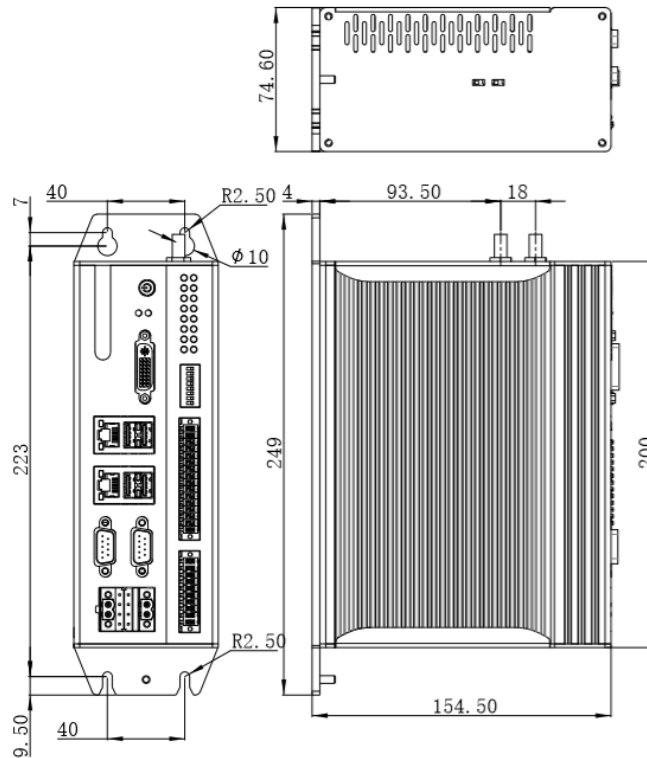
■ Interfaces



■ Specifications

Model Name		NP-6111-JH4
Processor	CPU	Intel® Celeron J1900, 2.0GHz, 4 cores/4 threads, 2MB L2 cache
	BIOS	AMI UEFI 64Mbit
Memory	DIMM	1 x 204-pin SODIMM
	Capacity	DDR3L-1333MHz , 4GB pre-installed(system max: 8GB)
Storage	SSD	1 x Full-size PCIe Mini slot support mSATA
I/O	USB	1 x USB3.0(USB2.0 compliant), 3x USB2.0, 1 x USB2.0 Type A on the board for USB dongle
	COM	2 x COM(DB-9), optical isolated, selectable to support RS-232 or 485 mode by the switch, 8 x RS-485(Phoenix Connectors), RS-485 support auto flow control, send and receive status LEDs, 120Ω terminating resistors can be enabled by switches. (ESD protection for RS-232: Air gap ±8KV, Contact ±6KV)
	DI	8 x DI NPN , isolated 2500 Vrms
	DO	4 x Relay output
Ethernet	LAN1	Intel I210-AT 10/100/1000Mbps controller
	LAN2	Intel I210-AT 10/100/1000Mbps controller
Display	DVI-D	Support up to 1920 x 1080@60Hz
Expansions	miniPCIe	1 x full size miniPCIe with SIM holder, 1 x full size miniPCIe
Other	Watch Dog	0~255 seconds programmable
Power	Voltage Input	DC12~24V ±10%, overcurrent, overvoltage and polarity inverse protection
	Power Consumption	Typical:10W , 45W in maximum
Chassis	Structure	Aluminum-magnesium alloy BOX with fan embedded to assist cooling, Wall-mounted
	Dimensions	(L)200mm x (W)154.5mm x (H)74.6mm
	Net Weight	2.1 Kg
Reliability	Work Temperature	-20°C ~ 60°C (-4°F~140°F) with air flow (mSATA), 5~95% (Non-condensing)
	Storage Temperature	-40°C ~ 80°C (-40 ~ 176°F) with air flow (msATA), 5~95% (Non-condensing)
	Operating Vibration	SSD : 1.5 Grms, IEC 6006 x -2-64, random, 5 ~ 500 Hz, 1 hr/axis
	Operating Shock	SSD applied: 10 G, IEC 6006 x -2-64, half-sine wave, 11ms duration
	EMC	CE/FCC Class A
OS	Windows	Window 7, Windows 10 IoT
	Linux	Ubuntu

■ Dimensions(Unit: mm)



■ Ordering Information

Product Code	Configuration
NP-6111-JH4-J1900	CPU:J1900,RAM:NULL,mSATA:NULL, 2 x RS232/485(Selectable), 8 x RS485, 2 x LAN, 1 xUSB3.0, 4 x USB2.0(one on board), DVI-D display port, 8 x DI, 4 x Relay output, DC12~24V Power input
NP-6111-JH4-J1900-4G-64G	CPU:J1900,RAM:4GB,mSATA:64GB, 2 x RS232/485(Selectable), 8 x RS485, 2 x LAN, 1 x USB3.0, 4 x USB2.0(one on board), DVI-D display port, 8 x DI, 4 x Relay output, DC12~24V Power input

■ Options

Parts	Description
DDR3 Memory	DDR3L-1333MHz , 4GB, 8GB
SSD	mSATA, 64GB, 128GB, 256GB, 512GB
Wifi	miniPCIE WIFI Set (7260HMWBN) ,Cylindrical antenna
4G set, EC20 3G Modules	mini PCIE , Support GSM、 WCDMA、 CDMA