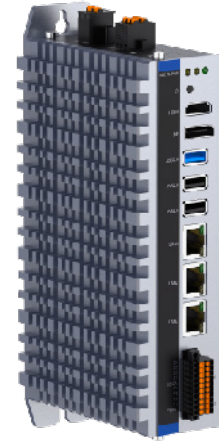


NP-6116-IO-J1900

- Low power consumption, small size, fanless

Features

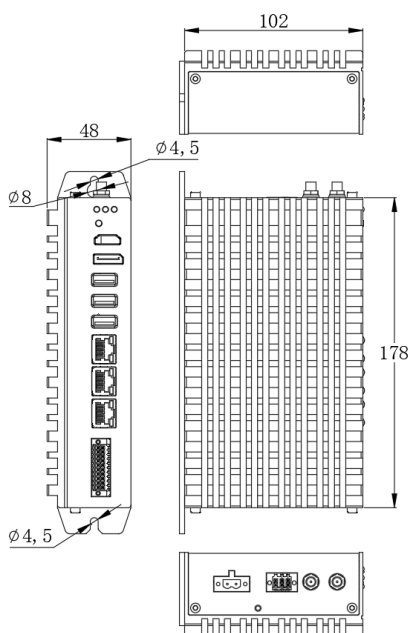
- 3 x LAN ports
- 1 x USB3.0, 2x USB2.0
- 1 x RS232, 1 x RS485
- 1 x miniPCIe expansion slot
- 8 x DI, 8 x DO
- Support both DP and HDMI display port
- DC12~24V Wide-voltage power supply with overcurrent, overvoltage and polarity inverse protection
- Opt support wall-mounted or DIN-Rail fixing style
- Wide operating temperature -20 ~ 60°C supported



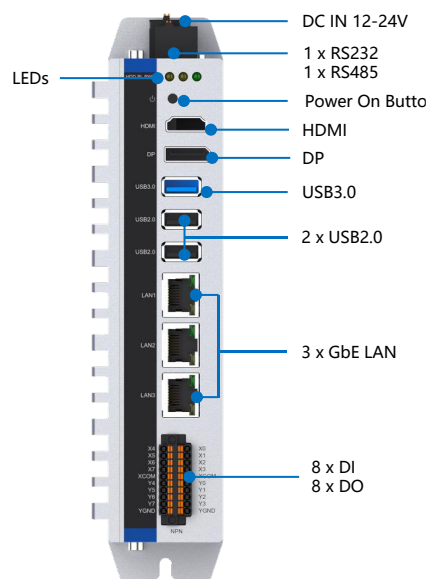
Specifications

Product Name		NP-6116-IO-N-J1900	NP-6116-IO-P-J1900
System	CPU	Intel® Celeron J1900, 2.0GHz, 4 cores/4 threads, 2MB L2 cache	
	TDP	10W	
	BIOS	AMI 64Mb UEFI	
	Memory	1 x SO-DIMM DDR3L-1333MHz (up to 8GB)	
	Storage	1 x M.2 2242 SATA2.0	
	USB	1 x USB3.0, 2 x USB2.0	
	COM	1 x RS232, 1 x RS485	
	Ethernet	2 x RTL8111H GbE LAN controller	
		1 x Intel GbE LAN controller	
	DP	Support up to 2560 x 1600 @60Hz	
	HDMI	Support up to 1920 x 1080 @60Hz	
	Expansions	1 x Full-size PCIe Mini slot with SIM card holder	
	LED	1 x LED	
	DIO	8 x DI, 8 x DO(NPN)	8 x DI, 8 x DO(PNP)
Watchdog	1~255 level programmable		
OS Support	Microsoft Windows	Windows 10	
	Linux	Ubuntu	
Power	oltage input	DC12~24V ±10%,over-current, over-voltage and polarity inverse protection.	
	Power Consumption	Max. 45W	
Chassis	Structure	fanless embedded to assist cooling, Wall-mounted or DIN-Rail fixing style	
	Dimension	(L)178mm x (W)102mm x (H)48mm	
	Net Weight	1.15Kg	
Environment	Work Temperature	-20°C ~ 60°C	
	Storage Temperature	-40°C ~ 80°C	
	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 Class B		

■ Dimensions (Unit:mm)



■ Interfaces



■ Ordering Information

Material No.	Product Name	Description
B73.61160.11.0001	NP-6116-IO-N-J1900	CPU:J1900, Memory:NULL, M.2 SATA:NULL, 1 x RS232, 1 x RS485, 3 x LAN,1 x USB3.0, 2 x USB2.0, 8 x DI, 8 x DO(NPN), HDMI/DP display, DC12-24V power input
B73.61160.12.0001	NP-6116-IO-P-J1900	CPU:J1900, Memory:NULL, M.2 SATA:NULL, 1 x RS232, 1 x RS485, 3 x LAN,1 x USB3.0, 2 x USB2.0, 8 x DI, 8 x DO(PNP), HDMI/DP display, DC12-24V power input

■ Optional Items

Replacement	Description
DDR3 Memory	DDR3L-1333MHz: 4GB, 8GB
M.2 SATA SSD	128GB, 256GB, 512GB, 1TB, 2TB
Wifi Kit	miniPCIE WIFI Kit(7260 Series) , Cylindrical Antenna
3G/4G Module	mini PCIE, EC20, EG25, EC25
Installation	DIN-Rail/Wall-mounted

Note: If some optional parts are offered with the system, additional system certificates may be required in certain regions/countries. Please contact NODKA for certificate compliance.