

## Features

- 1. Full IP65 waterproof and dustproof design
- 2. Intel Jasper Lake Architecture N5100 Processor, support Windows 10/11 system
- 3. 10.1-inch IPS screen, 700nits, suitable for outdoor use
- 4. Optional NFC / CAN BUS port can meet the different needs of different workplaces
- 5. Support a wide temperature range from -20°C to 60°C

## Specification

Mainboard	CPU	Intel Jasper Lake Architecture N5100 Processor
	GPU	Intel® HD Graphics Gen 11 LP
	RAM	4GB LPDDR3
	Storage	64GB EMMC
Screen	Panel size	10.1-inch
	Resolution	1280*800 16:10
	Brightness	700nits
	Touchscreen	5-point Tempered Glass Capacitive Screen G+F+F, ≥7H
Power Supply	Working voltage	DC12V (DC24V, 9-36V Optional)
Environment	Temperature	Operating: -20°C to 60°C, storage: -30°C to 70°C ±8kV contact discharge, ±15kV air discharge
	Relative humidity	Humidity: 95% Non-Condensing
Enclosure	Material	Plastic
	Color	Black
	VESA mounting	75*75mm
Dimension	IP grade	Full IP65 waterproof
	Net weight	1kg
	Gross Weight	4kg
	Product Dimension	264.5*184.1*23mm
Packaging Dimension	380*360*120mm	
Buttons	Power *1, Volume Key(+) *1(F1 Key), Volume Key(-) *1(F2 Key) Customizable *1(F3 Key); Customizable *1(F3 Key)	
Indicator Light	1. Power indicator (blue when starting)	
	2. Charging lamp (red when DC is powered on)	
	3. Full charge indicator light (green when full with battery, not on when no batter	
Speaker	1.5W *1, Single horn (Maximum 2W) + Microphone (Single MIC)	
Battery (Tablet)	Built in polymer lithium ion battery, 1000mAh/7.4V	
	30mins (50% volume, 200nits brightness, 1080PHD video display by default) It is used to support normal power off and protect user data	
Network	WIFI+BT+4G+GPS (Ublox 7 Supports GPS, GLONASS) +NFC NXP300 Optional	
Accessories	1xDC Plug, 1xAdaptor	
OS	Support Windows 10/11	
Mountings	VESA mounting	
	Strap Holder	
Warranty	1-year free warranty	

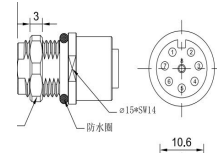


**Interfaces**

SIM card slot (optional) Nano-SIM \*1

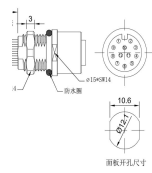
Standard USB-A port / Data transmission; USB 3.0 \*1, USB A port, HOST data transmission

Power interface: DC input (Input: 11~24V), Compatible: 4-way GPIO customized for customer customization



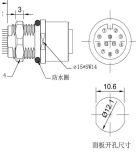
PIN	定义	描述	备注
1、2、3	+VADP	DC 正端	电压 12-24v
4	GP_A12_N	预留 GPIO	
5	GP_A18_N	预留 GPIO	
6、7、8	GND	接地	

PORT1 (M12-12) (optional) 1000M network interface, Standard 8 pin Ethernet signal (100M/1000M high-speed Ethernet)



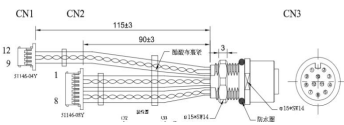
PIN	定义	描述	备注
1	MDI0+	TX-	
2	MDI0-	TX-	
3	MDI1+	RX-	
4	MDI1-	RX-	
5	MDI2+	DI+	
6	MDI2-	DI+	
7	MDI3+	DI+	
8	MDI3-	DI+	
9	GND	GND	
10	LED0	LED1	
11	Vcc3.3	VCC3.3	
12	LED1	LED2	

PORT2 (M12-12) (optional) RS232 \*1 + RS232/RS485 \*1, 9PIN DB9 full function serial port RS232; 3PIN data transmission RS485/3PIN data transmission RS232



PIN	定义	描述	备注
1	XTXD	RS232 信号	
2	XKTS		
3	XDRK		
4	XEND		
5	XCCTS		
6	XDSR		
7	XDCD	RS232 信号	
8	XRI		
10	RS232_TX		
11	RS232_TX		
9、12	GND	接地	

PORT3 (M12-12) (optional) USB 2.0 \*2 + CAN/CVBS \*1, USB2.0 standard interface \*1; USB2.0 standard interface \*1; Optional CAN or CVBS for customer debugging



PIN	定义	描述	备注
2	USB2_DP	USB2_DP	
3	USB2_DN	USB2_DN	
4	+V3P0A_USB1	5V	
6	USB2_DP	USB2_DP	
7	USB2_DN	USB2_DN	
8	+V3P0A_USB2	5V	
1、5	GND	接地	

PIN	定义	描述	备注
9	V3P0	5V 电源	
10	USB2_DN	USB2_DN	
11	USB2_DP	USB2_DP	
12	GND	接地	

**Standard Accessories**

- WIFI rod antenna; 2.4~2.5GHZ /5.15~5.85GHZ , 2±0.5 dBi
- GPS rod antenna
- Power adapter cable
- 8 PIN aviation plug φ 5.5 The power supply port (suitable for cigarette lighter car charger, etc.) is 30CM, which is used in the off vehicle use environment to meet the customer's 220V input.

**Optional Accessories**

- 4G rod antenna (4G+network port)
- Cigarette lighter adapter: 19V3.42A Cigarette Lighter Adapter
- Power adapter: 19V3.42A DC φ5.5 power adapter
- Power adapter cable: Transfer 8 pin power lines to 8 loose wires (1.2M) to meet the customer's self wiring requirements.