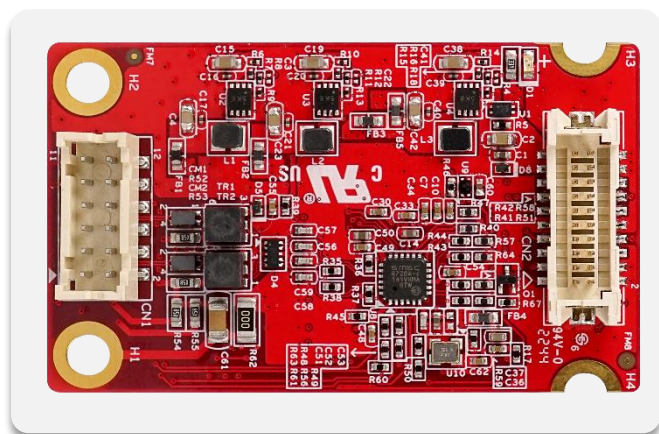


InnoAgent EZ2N-0XL2

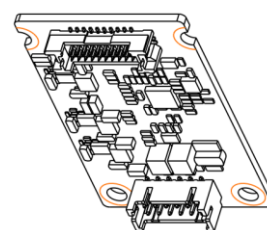
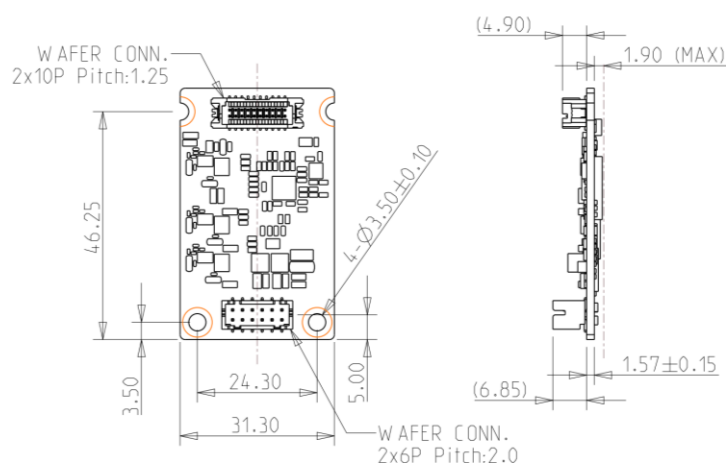
Out-of-Band Remote Management Module



Features

- Nuvoton NUC980 32bit Microprocessor
- Remote Reset
- Programmable Remote control GPIO *3
- Support Remote UART/RS232 Data Transmission
- In-Band Heartbeat Agent to Check Device Alive
- Standard MQTT Network Connection Protocol
- Support OTA Firmware Upgrade
- Complies with EN61000-4-2 (ESD) Air-15kV, Contact-8kV
- Operation temperature -40°C to +85°C support
- Industrial design, manufactured in Innodisk Taiwan

Mechanical Drawing



Hardware Specifications

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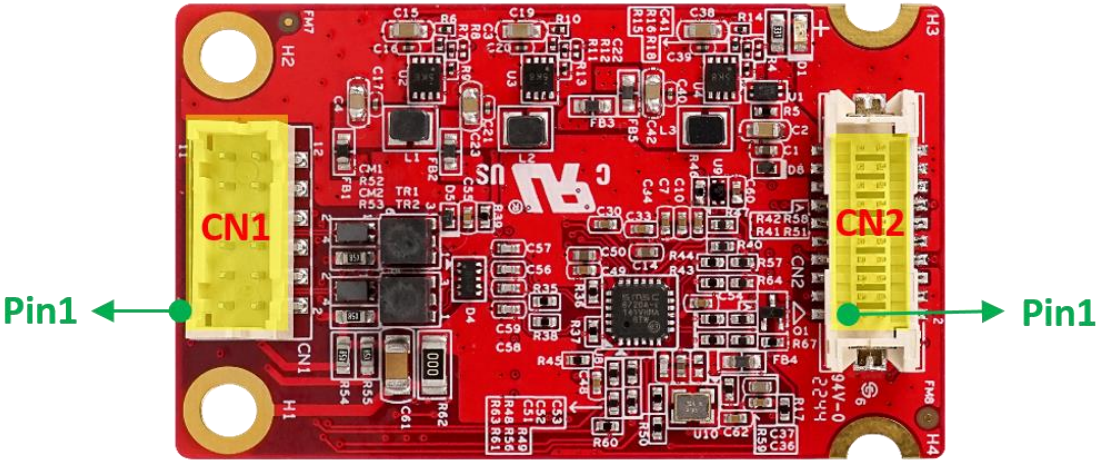
February 17, 2023

Network I/F	10/100 Mbps LAN (2x6 Pitch 2.0mm wafer connector)
Network Protocol	MQTT
Host I/F	3.3V UART, RS232 (Pitch 1.25mm wafer connector)
Remote Control I/O	3.3V GPIO x 3, Power SW x 1 (Pitch 1.25mm wafer connector)
Factory Reset	Pitch 1.25mm wafer connector
Power Source	+5V Standby Power Input (Pitch 1.25mm wafer connector)
Power Consumption	MAX: 1.65W (5V, 330mA)
Dimension (WxLxH)	51 x 31.3 x 10.3 mm
Temperature	Operation: -40°C ~ +85°C, Storage: -55°C ~ +95°C
Environment	Vibration: 5G @7~2000Hz, Shock: 50G @ 0.5ms
Notes	*Please download Software Develop Kit (SDK) & user manual from Myinnodisk Website *Provide MQTT topic & payload for third party cloud platform

Order information

EZ2N-0XL2-W1

InnoAgent OOB Remote Management Module



SMD 2*6P 180° P:2.0mm Connector (CN1)			
Signal Name	Pin #	Pin #	Signal Name
C4	Pin 1	Pin 2	C3_RX+
C5	Pin 3	Pin 4	C6_RX-
C7	Pin 5	Pin 6	C1_TX+
C8	Pin 7	Pin 8	C2_TX-
LED1_N	Pin 9	Pin 10	LED2_N
LED1_P	Pin 11	Pin 12	LED2_P

SMD 2*10P 180° P:1.25mm Connector (CN2)			
Signal Name	Pin #	Pin #	Signal Name
REMOTE_RESET (OUTPUT GPIO)	Pin 1	Pin 2	GND
Programmable GPIO1	Pin 3	Pin 4	GND
Programmable GPIO2	Pin 5	Pin 6	Programmable GPIO3
MCU Reboot	Pin 7	Pin 8	Config Reset
GND	Pin 9	Pin 10	GND
UART_Debug_TX	Pin 11	Pin 12	UART_TX
UART_Debug_RX	Pin 13	Pin 14	UART_RX
RS232_RX	Pin 15	Pin 16	RX232_TX
+5V IN	Pin 17	Pin 18	GND
+5V IN	Pin 19	Pin 20	GND