

NC-980 USBIO Series Extension Board

PC Management Tool and API

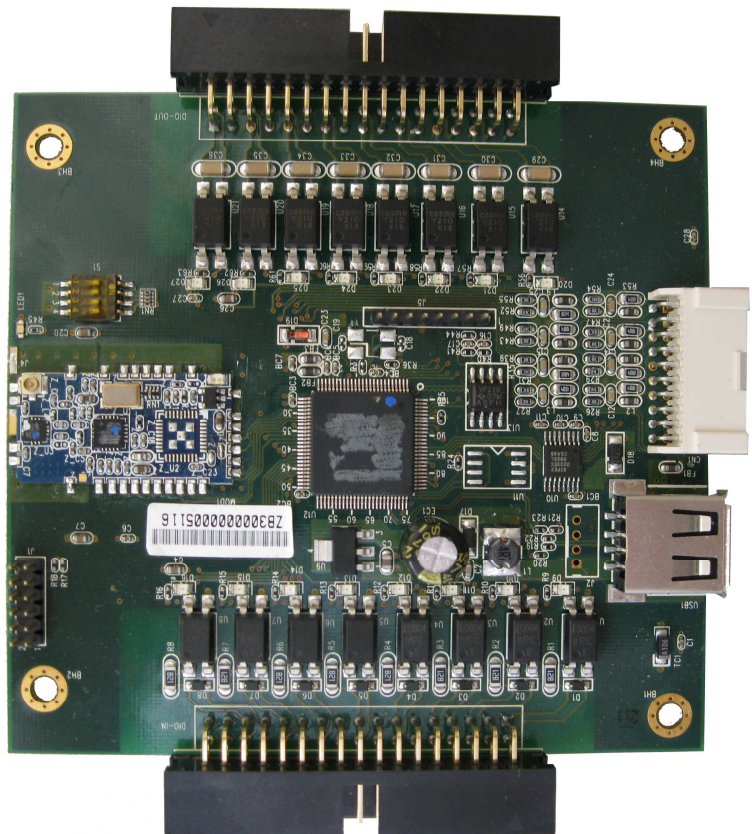
Easy Command through USB

Isolated DI and DO

Wireless Module

Analog Input

Plug & Play



Specifications

USB Interface

- USB 2.0 Full Speed Interface
- USB Device Driver
- USBAssist Tool and API provided

RF Interface

- Topology: Node to Node, or Master/Slave Networking
- 4 Byte Group Address and 4 Byte IP Address
- 315/433/868/915/950MHz UHF ISM Predefined Frequency Band, Multi-Channels
- Transmit Power : +10dBm ~ +20dBm, Auto RF Power Output Adjustment Mode
- Receive Sensitivity: -115 dBm
- Excellent Wireless Communication over Distance, Long Range transmission, >1~2Km @Open Area
- Up to 128Kbps Data Transmission Rate
- Power Management by Sleep Mode, Idle Mode and Power Down Mode
- Wake Up from RF Signal
- External Antenna
- Encryption by user defined key words

Isolated IO

- 16 ch Isolated Digital Input, 3500Vac rms Isolation
4V-24Vdc Input, individual set
- 16 Ch SSR (Solid-state Relay), +/- 350Vac or Vdc, +/-130mA Drive , 3000Vac rms Isolation

Multiple IO

- 8-ch 0-10V , 12-bit Resolution ADC
- 1x RS232 Port
- 1x RS485 Port

API Software Interface

- Command Set
- USBAssist Tool Ready
- API for customers' development

Physical Information

- USB 5V Power Supply or External 4Vdc ~ 12Vdc Power Input
- Dimension: 96mm x 90mm PC104 Standard
- Temperature range: -20 to +80°C