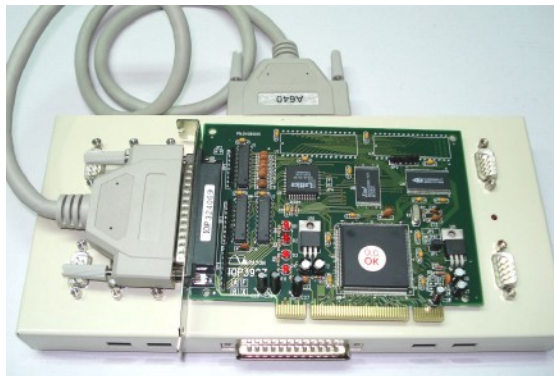
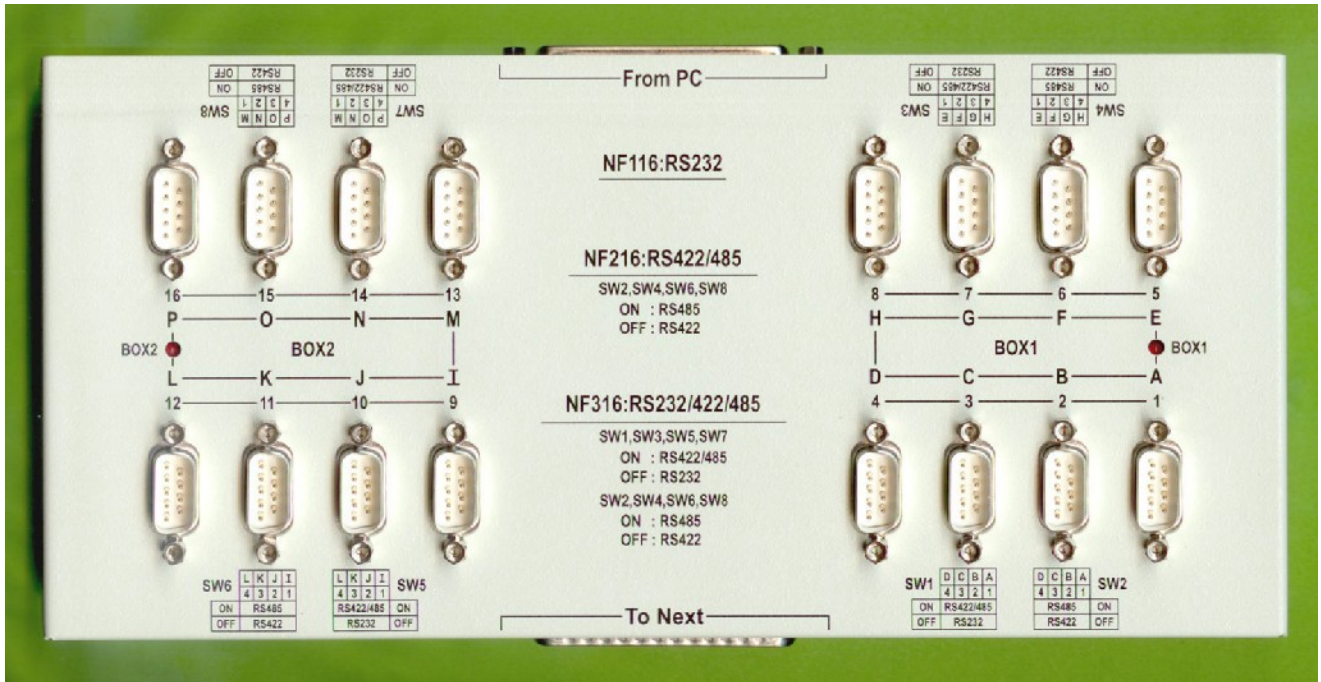


**NF116 RS232C Connector Box**

**NF216 RS422/RS485 Connector Box**

**NF316 RS232/RS422/RS485 Connector Box**



- ★ Built-in advanced FIFO type UART controller.
- ★ Each box can support **16 serial ports**.
- ★ Support different interface connection requirement in one card.
- ★ Each serial port can set by **DIP switch** to be **RS232,RS422,RS485** interface.
- ★ Connect with **A320, P640NU** or **IOP3927F** intelligent multiport card.
- ★ Each box can be daisy chain to support up to **64 serial ports**.

**NF116 Box Specification :**

- \*Built-in controller: FIFO type 16C554 chip.
- \*Connector : DB9 male connector.
- \*Port number: 16 ports per box.
- \*Interface : RS232c compatible with fully hardware control line.

**NF216 Box Specification :**

- \*Built-in controller: FIFO type 16C554 chip.
- \*Connector : DB9 male connector.
- \*Port number: 16 port per box.
- \*Interface : RS422/RS485 set by DIP switch.  
Each serial port set by one bit to be RS422 or RS485.  
One DIP switch can set output enable timing.

**NF316 Box Specification:**

- \*Built-in controller: FIFO type 16C554 chip.
- \*Connector : DB9 male connector.
- \*Port number: 16 port per box.
- \*Interface : RS232,RS422,RS485 set by DIP switch.  
Each serial port set by two bit to be RS232,RS422 or RS485.  
One bit for RS232 or RS422/RS485 setting. The other bit for RS422 or RS485 setting.

**Dimension:**

NF116/NF216/NF316 box:  
268\*128\*38mm.

**Environment :**

- \*Operating temperature: 5--40 °C .
- \*Operating humidity: 10--90%RH.
- \*Storage temperature: 0--65 °C .
- \*Storage humidity: 5--90%RH.

**Application:**

- ▲ One P640NU card use A640 cable to connect with one NF216 box can support 16 RS422/RS485 serial ports in one PCI slot.
- ▲ One A320 card use A640 cable to connect with two NF216 boxes can support 32 RS422/RS485 serial ports in one PCIe slot.
- ▲ One IOP3927F card use A640 cable to connect with three NF316 boxes can support 48 RS232/RS422/RS485 serial ports in one PCI slot.
- ▲ One IOP3927F card use A640 cable to connect with four NF316 boxes can support 64 RS232/RS422/RS485 serial ports in one PCI slot. It is flexible for big data access application. You can have RS232 for local connection. You can have RS422 for remote connection. You can have RS485 for multi-drop application.



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