

# A2485

## Buffer Card

Support two **GROUND Isolated RS422/RS485** port.

Suitable for POS system

Suitable for control system

Suitable for UNIX Workgroup

Suitable for XENIX system

Suitable for DOS Power user

Suitable for Windows 2000

Suitable for Windows NT

Suitable for Windows 95/98



## **A2485 specification:**

### **System Structure**

\*intelligent Buffer Card.

### **Serial Communication Controller**

\*type: 16550A compatible with PGA support.

\*speed: 1.8432MHz. (can be used upto  
7.3728MHz)

### **Hardware compatibility**

\*ISA/EISA bus slot.

\*80286/80386/80486/P5 system.

### **Software compatibility**

\*SCO XENIX

\*SCO UNIX

\*MSDOS

\*Windows 2000

\*Windows NT

\*Windows 95/98

\*other operating system

### **System I/O & IRO mapping**

\*use DIP switch to choose I/O map.

\*I/O map in

mode1: 0x3E8 & 0x2E8.

mode2: 0x3F8 & 0x2F8.

mode3: 0x3E0 & 0x2E0.

mode4: 0x338 & 0x238.

### **System Interrupt mapping**

\*use jumper to choose IRQ3/4/5/7/10/11/12/15.

\*Each port can set IRQ by jumper independently.

### **Port capability**

\*number of port: 2 ports per card.

\*Interface: Ground isolated RS422/RS485.

(Note: we can use DIP switch to set interface type for each port as RS422 or RS485 independently.)

(Note: In normal A2485 card we have RAYON's DB9 pin definition. For A2485S card we have special DB9 pin definition).

\*Connector: DB9 male.

\*Baud Rate: each port can be configured to  
50--38400bps in UNIX system and  
upto 115200bps in other system.

### **Dimension**

\* A2485 card: 138 \* 83 mm.

### **Environment**

\* operating temperature: 5°C to 65°C.

\* operating humidity: 5% to 95% RH.

\* storage temperature: 0°C to 85°C.

\* storage humidity: 5% to 95% RH.

### **Performance upgrade capability and relative products.**

▲ A4000 Buffour card: intelligenet buffer four port card.

▲ A480 Bufeight card: intelligent buffer eight port card.

▲ P584 PCIPOINT card: PCI Bus four port card.

▲ P588 PCIPOINT card: PCI Bus eight port card.

▲ User can also use our local processor built-in card to support more ports and reduce main CPU overhead. Each card can support 8 upto 64 ports.

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### **RAYON TECHNOLOGY CO., LTD.**

2F, No. 177, Chung Shan 2 Rd., Lu Chou city, Taipei Hsien, Taiwan.

TEL: 886-2-82858362 FAX: 886-2-82857065

E-Mail: [rayon@ms1.hinet.net](mailto:rayon@ms1.hinet.net)

WEB: <http://www.computex.com.tw/rayon>

WEB: <http://www.rayontech.com>