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 & IRQ 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℃ to 65℃.

* operating humidity: 5% to 95% RH.

* storage temperature: 0℃ to 85℃.

* 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 PCIPORT card: PCI Bus four port card.

▲ P588 PCIPORT 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.

***Buffour and Bufeight card is trademark of RAYON TECHNOLOGY Co., Ltd.

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