A2018   **Buffer Card**

Support one or two RS232 port.

Suitable for POS system

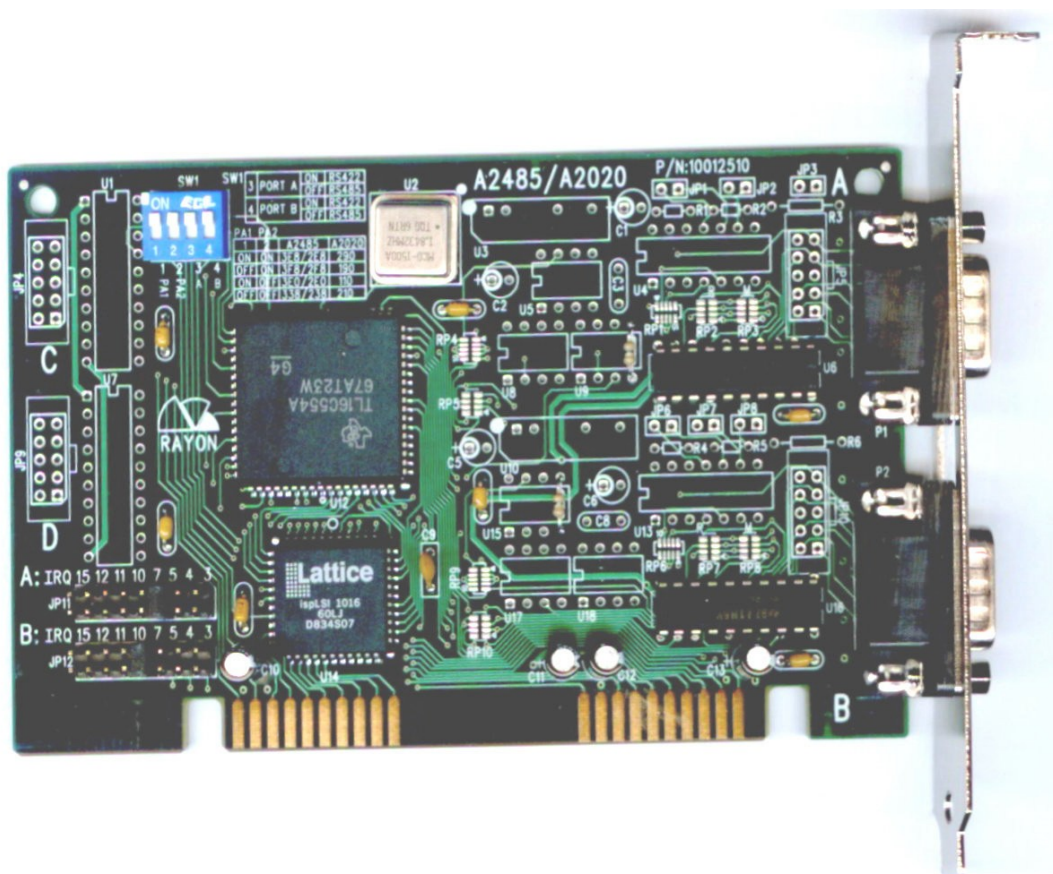**Suitable for control system**

Suitable for UNIX Workgroup

Suitable for XENIX system

Suitable for DOS Power user

Suitable for Windows 2000/XP

Suitable for Windows NT

Suitable for Windows 95/98

A2018 specification:

System Structure
   *intelligent Buffer Card.

Serial Communication Controller
   *type: 16550A compatible with PGA support.
   *speed: 1.8432MHz.

Hardware compatibility
   *ISA/EISA bus slot.
   *80286/80386/80486/P5 system.

Software compatibility
   *SCO XENIX
   *SCO UNIX
   *MSDOS
   *Windows 2000/XP
   *Windows NT
   *Windows 95/98
   *other operating system

System I/O & IRQ mapping
   *use DIP switch to choose 1 or 2port mode
    and I/O map for UART.
   *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: 1 or 2 ports per card.
   *Interface: RS232.
   *Connector: DB9 male.
   *Baud Rate: each port can be configured to
        50--38400bps in UNIX system and
        upto 115200bps in other system.

Dimension
   * A2018 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.

******Even though we have two DB9 in card, but one port mode can save your I/O map in system without confliction with other controller.

Performance upgrade capability and relative products.
   ▲ A4000 Buffour card: intelligenet buffer four port card.
   ▲ A480 Bufeight card: intelligent buffer eight port card.
   ▲ P5984 PCIPORT card: PCI Bus four port card.
   ▲ P588U 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.

***All names are the trade marks of their respective organization.

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