A2020

Buffour Card

Support two RS232 and

   two GROUND Isolated RS422/RS485 port.

Suitable for POS system

Suitable for control system
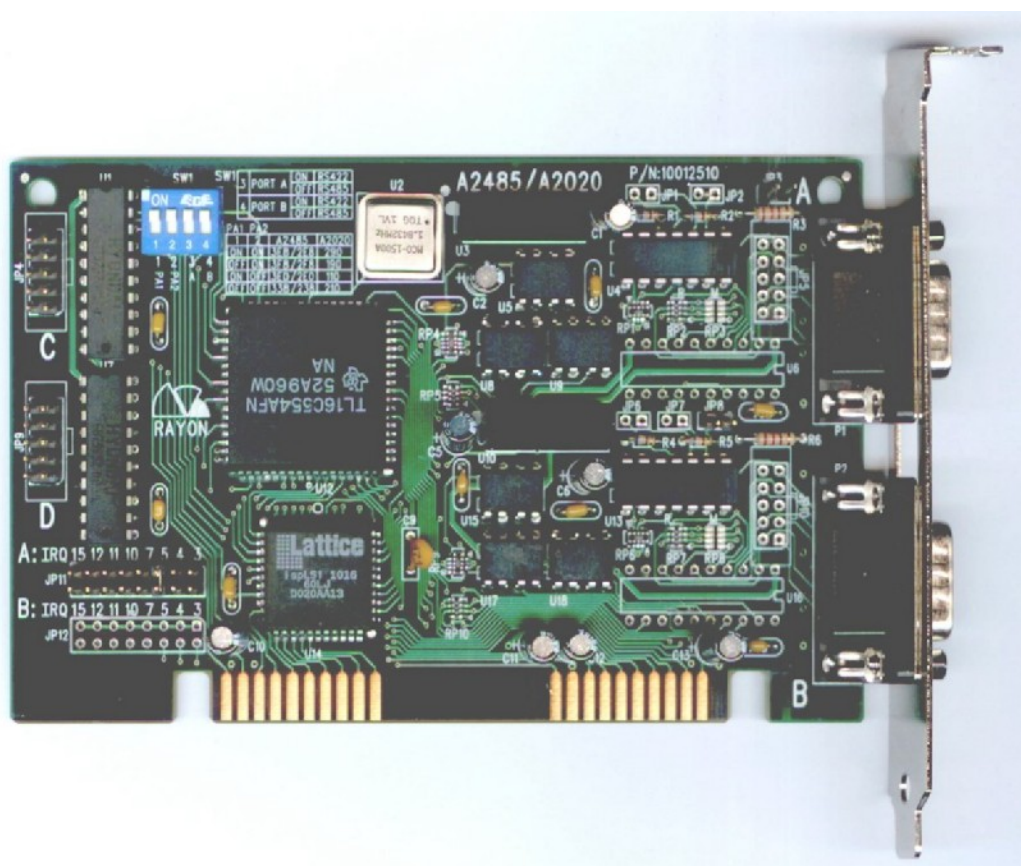
Suitable for UNIX Workgroup

Suitable for XENIX system

Suitable for DOS Power user

Suitable for Windows 2000/XP

Suitable for Windows NT

Suitable for Windows 95/98

A2020 specification:

System Structure

  *intelligent Buffour Card.

  *four jumper for internal connection.

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 STAR/DIGI mode
  and COM1/COM2 mode.

  *I/O map in

    STAR/COM1 mode: 0x290--0x2d7.

    STAR/COM2 mode: 0x190--0x1d7.

    DIGI/COM1 mode: 0x110--0x157.

    DIGI/COM2 mode: 0x210--0x257.

System Interrupt mapping

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

  *In SCO UNIX/XENIX mode must set IRQ4 in
    COM1 mode and IRQ3 in COM2 mode.

  *In other system no limitation in setting.

Port capability

  *number of port: 4 ports per card.

  *Interface:

    Port A and B is Ground isolated
    RS422/RS485.

    Port C & D is RS232.

  *Connector: DB9 male.

  NOTE: port A and B in back bracket. Port C
    and D in other bracket.

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

Dimension

  * A2020 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.

  ▲ user can add one more A2020 card in UNIX system to support 8 ports per system.

  ▲ 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.

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