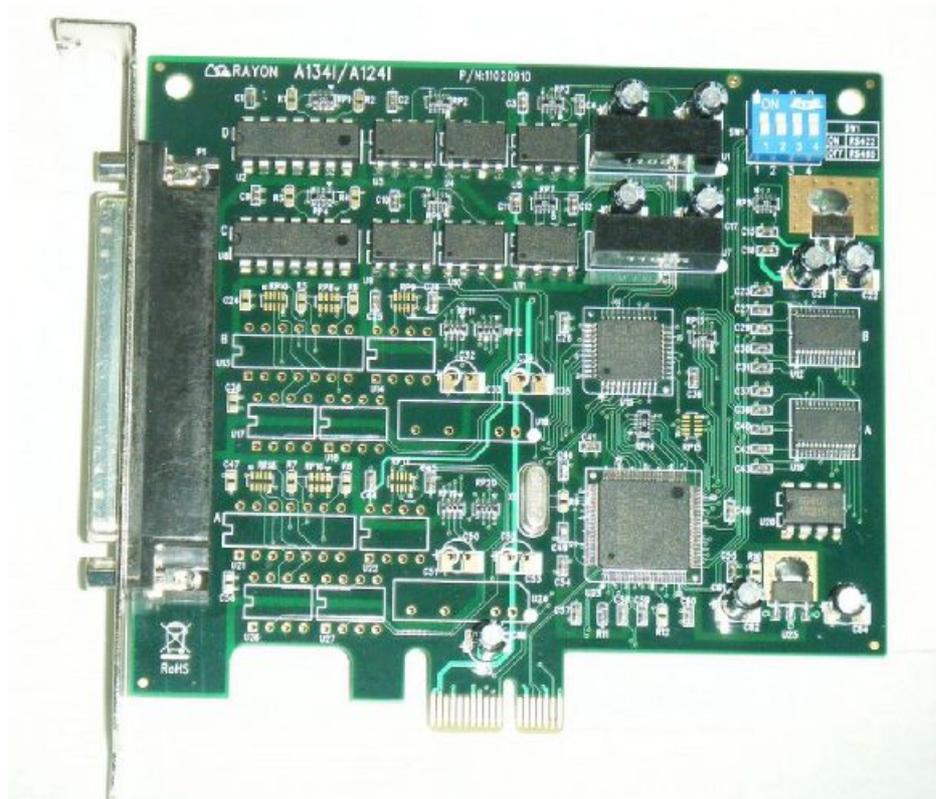# A124I Advanced PCIe Card

PCIe Bus Four Port Card

Support Two RS232 and Two Ground Isolated RS422/RS485 selectable

★Each port can set to RS422/RS485

★Easy to set by DIP Switch

★Support ADDC feature in RS485

★Suitable for **industrial control**

★Suitable for **Windows 2000/XP**

★Suitable for **Vista & WIN7**

★Suitable for **Linux**

A124I Specification：

Serial Communication Controller：
*type：Moschip MCS9904.

Hardware compatibility：
*PCIe bus slot.

Software compatibility：
* Windows 2000/XP.
* Windows Vista.
* WIN7.
* Linux.
* Other operation system.

System I/O & IRQ mapping：
* I/O mapping assigned by PCI BIOS.
* Memory mapping assigned by PCI BIOS.
* four IRQ mapping assigned by PCI BIOS.

Port capability：
*number of port：4 ports per card.
*Interface：RS232 in Port A & B.
   Ground Isolated RS422/RS485 in Port C & D.
   Note: Each port can set to RS422/RS485 by DIP Switch.
*Baud Rate: each port can be configured to 50--115200bps.
*Connector type: DB37 female connector.
*P485 cable support DB37 male to four DB9 male connector.
*A400 cable support DB37 male to four DB25 male connector.

Dimension：
*A124I card: 120 * 105 mm.
*A124I model with standard PCIe bracket

Environment：
*operating temperature：0℃ to 55℃
*operating humidity：10% to 95% RH
*storage temperature：0℃ to 65℃
*storage humidity：5% to 95% RH

Performance upgrade capability and relative products：

*A102：PCIe card support two Ground isolated RS232 ports.
*A132：PCIe card support two RS422/RS485 ports.
*A112：PCIe card support two RS232/RS422/RS485 ports.
*A104：PCIe card support four RS232 ports.
*A134：PCIe card support four RS422/RS485 ports.
*A168：PCIe card support eight RS232 ports.
*A134I: PCIe card support four Ground isolated RS422/RS485 ports.
*A114: PCIe card support four RS232/RS422/RS485 ports.

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