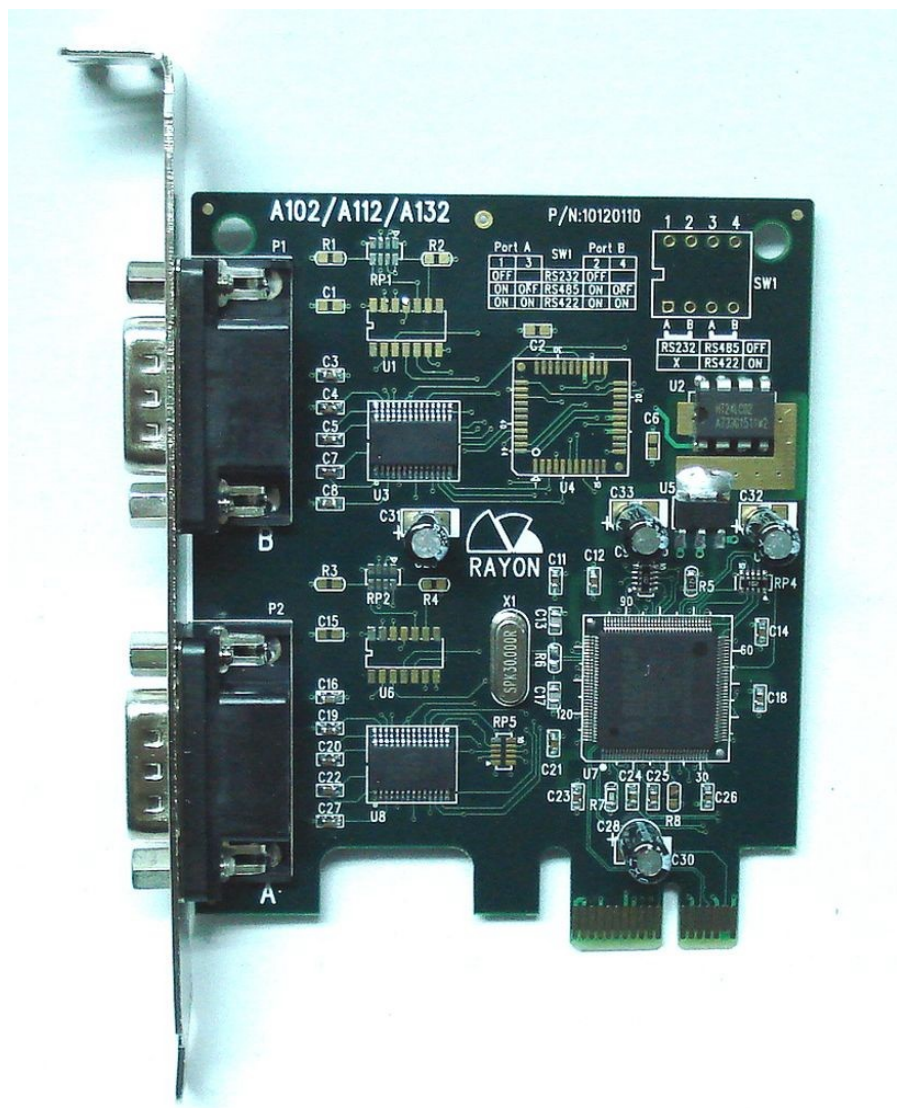


A102 Advanced PCIe Card

PCIe Bus Two Port Card



★ Suitable for **industrial control**

★ Suitable for **Windows 2000/XP**

★ Suitable for **Vista & WIN7/8/10**

★ Suitable for **Linux**

A102 Specification :

Serial Communication Controller :

*type : ASIX MCS9922.

Hardware compatibility :

*PCIe bus slot.

Software compatibility :

- * Windows 2000/XP.
- * Windows Vista.
- * WIN7/8/10
- * Linux.
- * Other operation system.

Dimension :

- * A102 card: 75 * 90 mm.
- *A102 model with standard PCIe bracket.

Environment :

- *operating temperature : 0°C to 55°C
- *operating humidity : 10% to 95% RH
- *storage temperature : 0°C to 65°C
- *storage humidity : 5% to 95% RH

System I/O & IRQ mapping :

- *I/O mapping assigned by PCI BIOS.
- *Memory mapping assigned by PCI BIOS.
- *two IRQ mapping assigned by PCI BIOS.

Port capability :

- *number of port : 2 ports per card.
- *Interface : RS232.
- *Baud Rate: each port can be configured to 50--230400bps.

NOTE: UART controller can support up to **16Mbps**. But A102 card use **ZT3243E** interface IC, so A102 card can support up to **250Kbps** only. Special A102F card use **ZT3243F** interface IC, so A102F card can support up to **1000Kbps**.

NOTE: A102F model can support up to 1Mbps.

- *Connector type: DB9 male connector.

Performance upgrade capability and relative products :

- *A102I : 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.
- *A114 : PCIe card support four RS232/RS422/RS485 ports.
- *A168 : PCIe card support eight RS232 ports.

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