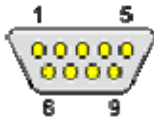


RS232C



9 pin D-SUB male connector
at the computer

Almost each PC nowadays equipped with one/two/four serial interface (RS232C). This PC serial port interface is single ended (connects only two devices with each other), the data rate is less than 20 kbps. It's a voltage loop serial interface with full-duplex communication represented by voltage levels with respect to system ground. A common ground between the PC and the associated device is necessary.

DB-9 Pin	IDC internal pin name*	Name	Dir	Description
1	1	CD	←	Carrier Detect
2	3	RXD	←	Receive Data
3	5	TXD	→	Transmit Data
4	7	DTR	→	Data Terminal Ready
5	9	GND	—	System Ground
6	2	DSR	←	Data Set Ready
7	4	RTS	→	Request to Send
8	6	CTS	←	Clear to Send
9	8	RI	←	Ring Indicator

Note: Direction is DTE (Computer) relative DCE (Modem)

* Pin assignment of internal connector may be different for different motherboard models. Pin 10 removed in connector. Internal IDC connector wired to external port with a simple flat ribbon cable.